**Oracle® Communications
Diameter Signaling Router**

Licensing Information User Manual

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Introduction

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Licensing Information

Description of Product Editions and Permitted Features

Prerequisite Products

Entitled Products and Restricted Use Licenses

Product	Subproduct	Licensing Description

Product	Subproduct	Licensing Description
Oracle Communications Diameter Signaling Router	Oracle Communications Diameter Signaling Router (base fee)- per Server	This product provides the following base Diameter Signaling Router functionality:
		OAM – Operations, administration, measurements functionality: SNMP, event logs, security logs, configuration, topology, user/group management and reports.
		Core Routing – Core routing and processing functionality that provides application specific handling of real-time Diameter messages.
		Congestion Management – Ingress and egress, local and remote Diameter congestion control.
		Connection Management – TCP, SCTP uni- and multi-homing, IPv4-IPv6 interworking, IPSec, load balancing and capabilities exchange.
		Diameter Mediation – GUI-based Diameter mediation framework used to build mediation rules to resolve inter-operability issues.
		Range Based Address Resolution – Stateless diameter proxy routing application that routes Diameter end-to-end transactions based on application ID, command code, routing entity type and routing entity address ranges.
		Message Copy – Ability to copy certain Diameter Requests or Requests and Answers that transit the Diameter Signaling Router.
		IP Front End –TCP/SCTP connection based ingress load balancing which enables Diameter clients to access multiple Diameter Signaling Router servers via one or more virtual IP addresses.
		Geo-redundant – The Diameter Signaling Router can be deployed with or without geo-redundancy.
		High Availability – All message processing critical components are engineered with high levels of redundancy to ensure high availability.
		Included Products:
		• MySQL Enterprise Edition
		Restriction:
		MySQL Enterprise Edition is included for use with Oracle Communications Diameter Signaling Router (Base Fee). Use of MySQL Enterprise Edition, including without limitation MySQL Enterprise Backup, is restricted to use with Oracle Communications Diameter Signaling Router (Base Fee).

Product	Subproduct	Licensing Description

	Oracle Communications Diameter Signaling Router – per 100 Network-wide Messages per Second Metric	**Description:**
		Determines the maximum number of network-wide Messages per Second (MPS) allowed by Oracle Communications Diameter Signaling Router. An MPS is defined as:
		
		1. Processing of an ingress Diameter message and either transmitting a single outgoing message or discarding the ingress message. The outgoing message may be a variant of, or a response to, the ingress message.
		
		2. Transmission of any Diameter message that is associated with incremental actions/events associated with #1 above. For example, the re-routing of a Request upon connection failure or the copying of a Request.
		
		Messages excluded from this measure are:
		
		• Diameter peer-to-peer messages: CER/CEA, DWR/DWA, and DPR/DPA
		• Ingress Diameter messages discarded by the DSR due to Overload controls
		• Answers received in response to Message Copy
		
		Network-wide MPS is calculated as the peak 5-minute interval of the sum of all signaling nodes managed by a single network operations, administration and maintenance node.
		
		Orderable in 100 MPS increments.
		
		Prerequisites: A license to Oracle Communications Diameter Signaling Router (base fee) is a prerequisite to license and use Oracle Communications Diameter Signaling Router (capacity) or a license to one of the following legacy products:
		  DSR Initial Content per server
		  DSR RMS Initial Content per server
		  DSR 5 Content Bundle per server
		  DSR 5 Initial Content per server
		  DSR Diameter MPS per network
		  DSR Core Routing per server
		  DSR Core Routing per blade
		is a prerequisite to license and use Oracle Communications Diameter Signaling Router (capacity)

Product	Subproduct	Licensing Description
	Oracle Communications Diameter Signaling Router Roaming Proxy - per Server	**Description:** This sub-product adds the roaming proxy features listed below to the Oracle Communications Diameter Signaling Router. MME Topology Hiding HSS Topology Hiding Path Topology Hiding **Prerequisites:** A license to Oracle Communications Diameter Signaling Router (base fee) is a prerequisite to license and use Oracle Communications Diameter Signaling Router Roming Proxy or a license to one of the following legacy products: DSR Initial Content per server DSR RMS Initial Content per server DSR Core Routing per server DSR Core Routing per blade DSR Policy Proxy per blade is a prerequisite to license and use Oracle Communications Diameter Signaling Router Roaming Proxy.
	Oracle Communications Diameter Signaling Router Full Address Resolution – per Server	**Description:** This sub-product adds full address resolution features to the Oracle Communications Diameter Signaling Router. Full address resolution is an enhanced proxy routing application that routes end-to-end Diameter transactions based on app-id, Command Code, Routing Entity type and Individual Routing Entity. This sub-product adds the following functionality to the Oracle Communications Diameter Signaling Router: Subscriber Database Server - Provides provisioning and storage of database information for full address resolution. Supports querying, reports and audits. Database Processor – Provides real-time access to the subscriber database at the signaling node. **Prerequisites:** A license to Oracle Communications Diameter Signaling Router (base fee) is a prerequisite to license and use Oracle Communications Diameter Signaling Router Full Address Resolution or a license to one of the following legacy products: DSR Initial Content per server DSR Core Routing per server DSR Core Routing per blade DSR Policy Proxy per blade is a prerequisite to license and use Oracle Communications Diameter Signaling Router Full Address Resolution.

Product	Subproduct	Licensing Description

	Oracle Communications Diameter Signaling Router Full Address Resolution – per 25k Subscriber	**Description:**
		Determines the number of subscribers or entities allowed by Oracle Communications Diameter Signaling Router for full address resolution. Licensing for Subscribers is provided on a network-wide basis. Each entry (entity) in the provisioned subscriber (SDS) database server (SDS) counts as one subscriber.
		Orderable in 25k subscriber increments.
		
		Prerequisites: A license to Oracle Communications Diameter Signaling Router Full Address Resolution per server is a prerequisite to license and use Oracle Communications Diameter Signaling Router Full Address Resolution per 25k subscribers or a license to one of the following legacy products:
		  DSR Address Resolution Proxy per server
		  DSR Full Address Resolution I per server
		  DSR 5 Content Bundle per server
		  DSR 5 Initial Content per server
		  DSR Subscribers per network
		is a prerequisite to license and use Oracle Communications Diameter Signaling Router Full Address Resolution per 25k subscribers.

	Oracle Communications Diameter Signaling Router Policy Proxy – per Server	**Description:**
		This sub-product adds policy proxy to the Oracle Communicaitons Diameter Signaling Router to enable the Policy DRA function. Policy DRA enables dynamic routing of subscriber sessions to PCRFs.
		This sub- product:
		    Distributes Gx/Gxx/S9/Rx sessions across PCRFs
		    Provides network-wide subscriber session binding
		    Provides session correlation across mated pairs
		    Performs topology hiding to hide the identities of the PCRFs from other elements in the network.
		
		Prerequisites: A license to Oracle Communications Diameter Signaling Router (base fee) is a prerequisite to license and use Oracle Communications Diameter Signaling Router Policy Proxy or a license to one of the following legacy products:
		  DSR Initial Content per server
		  DSR Core Routing per server
		  DSR Core Routing per blade
		is a prerequisite to license and use Oracle Communications Diameter Signaling Router Policy Proxy.

Product	Subproduct	Licensing Description

	Oracle Communications Diameter Signaling Router Policy Proxy – per 5K Network-wide Concurrent Sessions	**Description:**
		Determines the number of concurrent Diameter sessions allowed by Oracle Communications Diameter Signaling Router Policy Proxy. Licensing for concurrent sessions is provided on a network-wide basis.
		
		Network-wide concurrent sessions are calculated as the peak 5-minute interval of the sum of all signaling nodes managed by a single network operations, administration and maintenance node.
		
		Orderable in 5k session increments.
		
		Prerequisites: A license to Oracle Communications Diameter Signaling Router Policy Proxy per server is a prerequisite to license and use Oracle Communications Diameter Signaling Router Policy Proxyper 5k Netowrk-wide Concurrent Sessions or a license to one of the following legacy products:
		  DSR Policy Proxy 1 per server
		  DSR 5 Content Bundle per server
		  DSR 5 Initial Content per server
		  DSR Policy Concurrent Sessions per network
		is a prerequisite to license and use Oracle Communications Diameter Signaling Router Policy Proxy per 5k Network-wide Concurrent Sessions.

	Oracle Communications Diameter Signaling Router Off-Line Charging Server (OFCS) Proxy Base – per Server Metric	**Description:**
		This sub-product adds off-line charging server proxy features to the Oracle Communications Diameter Signaling Router. The off-line charging proxy supports a Diameter proxy agent over the Rf interface between multiple Charging Trigger Function (CTF) clients such as PGWs, SGWs, GGSNs, CSFCs, and multiple Charging Data Function (CDF) servers. This sub-product adds a Session/Subscriber Binding Repository and Charging Topology Hiding to the Oracle Communications Diameter Signaling Router.
		
		Prerequisites: A license to Oracle Communications Diameter Signaling Router (base fee) is a prerequisite to license and use Oracle Communications Diameter Signaling Router Off-Line Charging Server Proxy or a license to one of the following legacy products:
		  DSR Initial Content per server
		  DSR Core Routing per server
		  DSR Core Routing per blade
		  DSR 5 Content Bundle per server
		  DSR 5 Initial Content per server
		 is a prerequisite to license and use Oracle Communications Diameter Signaling Router Off-Line Charging Server Proxy.

Product	Subproduct	Licensing Description

	Oracle Communications Diameter Signaling Router Off-Line Charging Server Proxy – per 5K Network-wide Concurrent Sessions Metric	**Description:**
		Determines the number of concurrent Diameter sessions allowed by Oracle Communications Diameter Signaling Router for off-line charging server (OFCS) proxy. Licensing for concurrent sessions is provided on a network-wide basis.
		
		Network-wide concurrent sessions are calculated as the peak 5-minute interval of the sum of all signaling nodes managed by a single network operations, administration and maintenance node.
		
		Orderable in 5k session increments.
		
		Prerequisites: A license to Oracle Communications Diameter Signaling Router Off-Line Charging Server Proxy per server is a prerequisite to license and use Oracle Communications Diameter Signaling Router Off-Line Charging Server per 5k network-wide concurrent sessions or a license to one of the following legacy products:
		  DSR 5 Content Bundle per server
		  DSR 5 Initial Content per server
		is a prerequisite to license and use Oracle Communications Diameter Signaling Router Off-Line Charging Server Proxy per 5k Network-wide Concurrent Sessions.

	Oracle Communications Diameter Signaling Router, Policy Proxy II - Server Perpetual	**Description:**
		This sub-product adds policy proxy features to the Oracle Communications Diameter Signaling Router Policy Proxy.
		
		This sub-product adds::
		• Support for multiple PCRF pools including the ability to select the pool based on the APN+IMSI
		• Support for Gx' and Gx-Lite messages
		• Gateway Location Application (GLA) interface support to access the binding database.
		• Policy Proxy Selection & routing to a PCRF pool based on APN
		
		Prerequisites: A license to Oracle Communications Diameter Signaling Router Policy Proxy is a prerequisite to license and use Oracle Communications Diameter Signaling Router Policy Proxy II or a license to one of the following legacy products:
		  DSR Policy Proxy 1 per server
		  DSR 5 Content Bundle per server
		  DSR 5 Initial Content per server
		  DSR Core Routing per blade
		  DSR Policy Proxy per blade
		is a prerequisite to license and use Oracle Communications Diameter Signaling Router Policy Proxy II.

Oracle Communications Diameter Signaling Router – Licensing Notes – Legacy

Product	Subproduct	Licensing Description
Oracle Communications Diameter Signaling Router	EXG DSR MPS Per Node	Determines the maximum number of nodal Messages per Second (MPS) allowed by Oracle Communications Diameter Signaling Router. An MPS is defined as: 1. Processing of an ingress Diameter message and either transmitting a single outgoing message or discarding the ingress message. The outgoing message may be a variant of, or a response to, the ingress message. 2. Transmission of any Diameter message that is associated with incremental actions/events associated with #1 above. For example, the re-routing of a Request upon connection failure or the copying of a Request. Messages excluded from this measure are: • Diameter peer-to-peer messages: CER/CEA, DWR/DWA, and DPR/DPA • Ingress Diameter messages discarded by the DSR due to Overload controls • Answers received in response to Message Copy Nodal MPS is calculated as the peak 5-minute interval of the signaling node. A node is defined as a network element that is managed by a single system operations, alarms and measurements server pair. Orderable in MPS increments that match MPS capacity product description. Restrictions: This product SKU is for legacy customer applications only.
	EXG DSR IPSEC MPS Per Node	Determines the maximum number of nodal Messages per Second (MPS) using IPSec encryption allowed by Oracle Communications Diameter Signaling Router. Orderable in MPS increments that match IPSec MPS capacity product description. Prerequisites: A license to Oracle Communications Diameter Signaling Router EXG DSR MPS Per Node is a prerequisite to license and use Oracle Communications Diameter Signaling Router EXG DSR IPSEC Per Node. Restrictions: This product SKU is for legacy customer applications only.

	EXG DSR Connections per Node	Determines the number of connections allowed by Oracle Communications Diameter Signaling Router.
		A connection is defined as an SCTP association or a TCP/IP connection.
		Orderable in increments that match product description.
		Restrictions:
		This product SKU is for legacy customer applications only.
	EXG DSR ADDL Routing Pkg 1	Enables the capability per node of the Oracle Communications Diameter Signaling Router to route based on Command Code and Origin Realm.
		Restrictions:
		This product SKU is for legacy customer applications only.
	EXG DSR ADDL Routing Entries per Node	Determines the number of routing entries allowed by Oracle Communications Diameter Signaling Router.
		A routing entry is defined as an entry in the DSR routing table.
		Orderable in increments that match product description.
		Restrictions:
		This product SKU is for legacy customer applications only.
	EXG DSR NPA Splits Per Node	This sub-product enables the Oracle Communications Diameter Signaling Router Subscriber Database Server to automatically create temporary duplicate MSISDN records during Numbering Plan Area (NPA) split process.
		Restrictions:
		This product SKU is for legacy customer applications only.

		EXG DSR LTE Address Resolution	This sub-product adds full address resolution features per node to the Oracle Communications Diameter Signaling Router for the LTE HSS. Full address resolution is an enhanced proxy routing application that routes end-to-end Diameter transactions based on app-id, Command Code, Routing Entity type and Individual Routing Entity. This sub-product adds the following functionality to the Oracle Communications Diameter Signaling Router: Subscriber Database Server – Provides provisioning and storage of database information for full address resolution. Supports querying, reports and audits. Database Processor – Provides real-time access to the subscriber database at the signaling node. Restrictions: This product SKU is for legacy customer applications only.
		EXG DSR IMS Address Resolution	This sub-product adds full address resolution features per node to the Oracle Communications Diameter Signaling Router for the IMSHSS. Full address resolution is an enhanced proxy routing application that routes end-to-end Diameter transactions based on app-id, Command Code, Routing Entity type and Individual Routing Entity. This sub-product adds the following functionality to the Oracle Communications Diameter Signaling Router: Subscriber Database Server – Provides provisioning and storage of large amounts of database information for full address resolution. Supports querying, reports and audits. Database Processor – Provides real-time access to the subscriber database at the signaling node. Restrictions: This product SKU is for legacy customer applications only.
		EXG DSR IMS Range Address Resolution	This sub-product adds range based address resolution features per node to the Oracle Communications Diameter Signaling Router for IMS. This sub-product adds the following functionality to the Oracle Communications Diameter Signaling Router: • Routing based on appl-id, Command Code, Routing Entity Type and Routing Entity address ranges • Routing Entity types can be a user identity (IMSI, MSISDN, IMPI or IMPU) or an IP address • Allows definition of a prioritized (primary and secondary) Routing Entity type and associated range for each app-ID/Command Code combination. Restrictions: This product SKU is for legacy customer applications only.

	EXG DSR LTE Range Address Resolution	This sub-product adds range based address resolution features per node to the Oracle Communications Diameter Signaling Router for LTE.
		This sub-product adds the following functionality to the Oracle Communications Diameter Signaling Router:
		• Routing based on appl-id, Command Code, Routing Entity Type and Routing Entity address ranges
		• Routing Entity types can be a user identity (IMSI, MSISDN, IMPI or IMPU) or an IP address
		• Allows definition of a prioritized (primary and secondary) Routing Entity type and associated range for each app-ID/Command Code combination.
		Restrictions:
		This product SKU is for legacy customer applications only.
	EXG DSR SLF	This sub-product adds full address resolution features per node to the Oracle Communications Diameter Signaling Router. Full address resolution is an enhanced proxy routing application that routes end-to-end Diameter transactions based on app-id, Command Code, Routing Entity type and Individual Routing Entity. This sub-product adds the following functionality to the Oracle Communications Diameter Signaling Router:
		Subscriber Database Server – Provides provisioning and storage of database information for full address resolution. Supports querying, reports and audits.
		Database Processor – Provides real-time access to the subscriber database at the signaling node.
		Restrictions:
		This product SKU is for legacy customer applications only.
	EXG DSR Subscribers	Determines the number of subscribers or entities allowed per node by Oracle Diameter Signaling Router for full address resolution. Each entry (entity) in the provisioned subscriber database server (SDS) counts as one subscriber.
		Orderable in subscriber increments that match product desciption.
		Restrictions:
		This product SKU is for legacy customer applications only.
	SDS Software Kernel	This sub-product enables per node the Oracle Communications Diameter Signaling Router Subscriber Database Server (SDS) which is used for IMS or LTE Full Address Resolution or SLF.
		Restrictions:
		This product SKU is for legacy customer applications only.

	SDS Query Server	This sub-product enables per node the Oracle Communications Diameter Signaling Router Subscriber Database Server (SDS) for an offline version of the address resolution database on a query server. This function is used for IMS or LTE Full Address Resolution or SLF.
		Restrictions:
		This product SKU is for legacy customer applications only.
	EXG DSR Message Throttling	This sub-product enables per node message throttling in the Oracle Communications Diameter Signaling Router. This sub-product adds the following functionality to the Oracle Communications Diameter Signaling Router:
		• Per-connection Ingress MPS control • Per-connection Egress Message throttling • Remote BUSY congestion control • Remote Transport congestion control
		Restrictions:
		This product SKU is for legacy customer applications only.
	EXG DSR Mediation Rules Per Node	This sub-product adds Diameter Mediation to the Oracle Communications Diameter Signaling Router. Diameter Mediation is a GUI-based Diameter mediation framework used to build mediation rules to resolve inter-operability issues. A mediation rule is defined as a rules template which contains multiple conditions and actions associated with the mediation function. Orderable in increments that match product description.
		Restrictions:
		This product SKU is for legacy customer applications only.
	EXG DSR OFCS Topology Hiding Per Node	This sub-product adds Off-Line Charging topology hiding to the Oracle Communications Diameter Signaling Router. This sub-product provides topology hiding to and from Charging Trigger Functions and Charging Data Functions.
		Restrictions:
		This product SKU is for legacy customer applications only.

	EXG DSR Concurrent Sessions	Determines the number of concurrent Diameter sessions allowed per node by Oracle Communications Diameter Signaling Router for policy proxy or off-line charging proxy. Licensing for concurrent sessions is provided on a per node basis. Nodal concurrent sessions are calculated as the peak 5-minute interval of the signaling node managed by a single system operations, administration and maintenance server pair. Orderable in session increments that match session capacity product description. Restrictions: This product SKU is for legacy customer applications only.	
	EXG DSR IPFE GB/S	Determines the bandwidth per node of the IP Front End allowed by Oracle Communications Diameter Signaling Router. Orderable in bandwidth increments that match product description. Restrictions: This product SKU is for legacy customer applications only.	
	EXG DSR Policy Topology Hiding Per Node	This sub-product adds policy topology hiding to the Oracle Communications Diameter Signaling Router. This feature hides the identities PCRFs from other elements in the network. Restrictions: This product SKU is for legacy customer applications only.	
	EXG DSR Remote Congestion Control Per Node	This sub-product enables the following remote congestion control features in the Oracle Communications Diameter Signaling Router: • Remote BUSY congestion control • Remote Transport congestion control Restrictions: This product SKU is for legacy customer applications only.	
	EXG DSR Per Connection TPS Controls Per Node	This sub-product enables the following per connection message control features in the Oracle Communications Diameter Signaling Router: • Per-connection Ingress MPS control • Per-connection Egress Message throttling Restrictions: This product SKU is for legacy customer applications only.	

	EXG DSR Policy DRA Per Node	This sub-product adds Policy DRA to the Oracle Communications Diameter Signaling Router. Policy DRA enables dynamic routing of subscriber sessions to PCRFs, distributes Gx/Gxx/S9/Rx sessions across PCRFs and provides network-wide subscriber session binding Restrictions: This product SKU is for legacy customer applications only.
	EXG DSR Policy Correlation Per Node	This sub-product adds policy proxy correlation to the Oracle Communications Diameter Signaling Router. Policy correlation provides session correlation across interfaces, such as Gx and Rx, and across mated DSR pairs. Restrictions: This product SKU is for legacy customer applications only.
	DSR 5K MPS Per Network	Determines the maximum number of network-wide Messages per Second (MPS) allowed by Oracle Communications Diameter Signaling Router. An MPS is defined as: 1. Processing of an ingress Diameter message and either transmitting a single outgoing message or discarding the ingress message. The outgoing message may be a variant of, or a response to, the ingress message. 2. Transmission of any Diameter message that is associated with incremental actions/events associated with #1 above. For example, the re-routing of a Request upon connection failure or the copying of a Request. Messages excluded from this measure are: • Diameter peer-to-peer messages: CER/CEA, DWR/DWA, and DPR/DPA • Ingress Diameter messages discarded by the DSR due to Overload controls • Answers received in response to Message Copy Network-wide MPS is calculated as the peak 5-minute interval of the sum of all signaling nodes managed by a single network operations, administration and maintenance node. Orderable in increments that match product description. Restrictions: This license is for specific legacy customer applications only.

	DSR 5M Concurrent Sessions Per Network	Determines the number of concurrent Diameter sessions allowed by Oracle Communications Diameter Signaling Router for policy proxy.
		Network-wide concurrent sessions are calculated as the peak 5-minute interval of the sum of all signaling nodes managed by a single network operations, administration and maintenance node.
		Orderable in increments that match product description.
		Restrictions:
		This product SKU is for legacy customer applications only.
	DSR Concurrent Sessions per 5M Per Network	Determines the number of concurrent Diameter sessions allowed by Oracle Communications Diameter Signaling Router for policy proxy.
		Network-wide concurrent sessions are calculated as the peak 5-minute interval of the sum of all signaling nodes managed by a single network operations, administration and maintenance node.
		Orderable in increments that match product description.
		Restrictions:
		This product SKU is for legacy customer applications only.
	SDS XML to PDBI Conversion Per Network	This sub-product adds an XML to PDBI conversion capability to the Oracle Communications Diameter Signaling Router Subscriber Database Server. This interface conversion allows for interoperability between the Subscriber Database Server and legacy PDBI network elements.
		Restrictions:
		This product SKU is for legacy customer applications only.

	DSR MPS Per 100K Per Network	Determines the maximum number of network-wide Messages per Second (MPS) allowed by Oracle Communications Diameter Signaling Router. An MPS is defined as: 1. Processing of an ingress Diameter message and either transmitting a single outgoing message or discarding the ingress message. The outgoing message may be a variant of, or a response to, the ingress message. 2. Transmission of any Diameter message that is associated with incremental actions/events associated with #1 above. For example, the re-routing of a Request upon connection failure or the copying of a Request. Messages excluded from this measure are: • Diameter peer-to-peer messages: CER/CEA, DWR/DWA, and DPR/DPA • Ingress Diameter messages discarded by the DSR due to Overload controls • Answers received in response to Message Copy Network-wide MPS is calculated as the peak 5-minute interval of the sum of all signaling nodes managed by a single network operations, administration and maintenance node. Orderable in increments that match product description. Restrictions: This product SKU is for legacy customer applications only.

	DSR Core Routing Per Blade	This sub-product provides the following base Oracle Communications Diameter Signaling Router functionality:
		OAM – Operations, administration, measurements functionality including SNMP, event logs, security logs, configuration, topology, user/group management and reports.
		Core Routing – Core routing and processing functionality that provides application specific handling of real-time Diameter messages.
		Congestion Management – Ingress and egress, local and remote Diameter congestion control.
		Connection Management – TCP, SCTP uni- and multi-homing, IPv4-IPv6 interworking, IPSec, load balancing and capabilities exchange.
		Diameter Mediation – GUI-based Diameter mediation framework used to build mediation rules to resolve inter-operability issues.
		Range Based Address Resolution – Stateless diameter proxy routing application that routes Diameter end-to-end transactions based on application ID, command code, routing entity type and routing entity address ranges.
		Message Copy – Ability to copy certain Diameter Requests or Requests and Answers that transit the Diameter Signaling Router.
		IP Front End –TCP/SCTP connection based ingress load balancing which enables Diameter clients to access multiple Diameter Signaling Router servers via one or more virtual IP addresses.
		Geo-redundant – The Diameter Signaling Router can be deployed with or without geo-redundancy.
		High Availability – All message processing critical components are engineered with high levels of redundancy to ensure high availability.
		Orderable in increments that product description.
		Restrictions:
		This product SKU is for legacy customer applications only.

	DSR Policy Proxy Per Blade	This sub-product adds policy proxy to the Oracle Communications Diameter Signaling Router.The policy proxy enables dynamic routing of subscriber sessions to PCRFs andsupports the following capabilities: • Distributes Gx/Gxx/S9/Rx sessions across PCRFs • Provides network-wide subscriber session binding • Provides session correlation across mated pairs • Performs topology hiding to hide the identities of the PCRFs from other elements in the network. Orderable in increments that product description. Restrictions: This product SKU is for legacy customer applications only.
	DSR Diameter MPS Per Network	Determines the maximum number of network-wide Messages per Second (MPS) allowed by Oracle Communications Diameter Signaling Router. An MPS is defined as: 1. Processing of an ingress Diameter message and either transmitting a single outgoing message or discarding the ingress message. The outgoing message may be a variant of, or a response to, the ingress message. 2. Transmission of any Diameter message that is associated with incremental actions/events associated with #1 above. For example, the re-routing of a Request upon connection failure or the copying of a Request. Messages excluded from this measure are: • Diameter peer-to-peer messages: CER/CEA, DWR/DWA, and DPR/DPA • Ingress Diameter messages discarded by the DSR due to Overload controls • Answers received in response to Message Copy Network-wide MPS is calculated as the peak 5-minute interval of the sum of all signaling nodes managed by a single network operations, administration and maintenance node. Orderable in single MPS increments. Restrictions: This product SKU is for legacy customer applications only.

	DSR Policy Concurrent Sessions Per Network	Determines the number of concurrent Diameter sessions allowed by Oracle Communications Diameter Signaling Router for policy proxy.
		Network-wide concurrent sessions are calculated as the peak 5-minute interval of the sum of all signaling nodes managed by a single network operations, administration and maintenance node.
		Orderable in single session increments.
		Restrictions:
		This product SKU is for legacy customer applications only.
	DSR Subscribers - Per Network	Determines the number of subscribers or entities allowed by Oracle Communications Diameter Signaling Router for full address resolution. Each entry (entity) in the provisioned subscriber database server (SDS) counts as one subscriber.
		Orderable in single subscriber increments.
		Restrictions:
		This product SKU is for legacy customer applications only.

	DSR Core Routing Per Server	This sub-product provides the following base Oracle Communications Diameter Signaling Router functionality OAM – Operations, administration, measurements functionality including SNMP, event logs, security logs, configuration, topology, user/group management and reports. Core Routing – Core routing and processing functionality that provides application specific handling of real-time Diameter messages. Congestion Management – Ingress and egress, local and remote Diameter congestion control. Connection Management – TCP, SCTP uni- and multi-homing, IPv4-IPv6 interworking, IPSec, load balancing and capabilities exchange. Diameter Mediation – GUI-based Diameter mediation framework used to build mediation rules to resolve inter-operability issues. Range Based Address Resolution – Stateless diameter proxy routing application that routes Diameter end-to-end transactions based on application ID, command code, routing entity type and routing entity address ranges. Message Copy – Ability to copy certain Diameter Requests or Requests and Answers that transit the Diameter Signaling Router. IP Front End –TCP/SCTP connection based ingress load balancing which enables Diameter clients to access multiple Diameter Signaling Router servers via one or more virtual IP addresses. Geo-redundant – The Diameter Signaling Router can be deployed with or without geo-redundancy. High Availability – All message processing critical components are engineered with high levels of redundancy to ensure high availability. Restrictions: This product SKU is for legacy customer applications only.
	DSR Policy Proxy Per Server	This sub-product adds policy proxy to the Oracle Communications Diameter Signaling Router. Policy Proxy enables dynamic routing of subscriber sessions to PCRFs. Policy Proxy supports the following capabilities: • Distributes Gx/Gxx/S9/Rx sessions across PCRFs • Provides network-wide subscriber session binding • Provides session correlation across mated pairs • Performs topology hiding to hide the identities of the PCRFs from other elements in the network. Restrictions: This product SKU is for legacy customer applications only.

	DSR Charging Proxy OFCS Per Server	This sub-product adds off-line charging server proxy to the Oracle Communications Diameter Signaling Router. The off-line charging proxy supports a Diameter proxy agent over the Rf interface between multiple Charging Trigger Function (CTF) clients such as PGWs, SGWs, GGSNs, CSFCs, and multiple Charging Data Function (CDF) servers. The following features are provided with this sub-product: • Session/Subscriber Binding Repository • Charging Topology Hiding Restrictions: This product SKU is for legacy customer applications only.	
	DSR Address Resolution Proxy Per Server	This sub-product adds full address resolution to the Oracle Communications Diameter Signaling Router. Full address resolution is an enhanced proxy routing application that routes end-to-end Diameter transactions based on app-id, Command Code, Routing Entity type and Individual Routing Entity. The following features are provided with this sub-product: • Subscriber Database Server – Provides provisioning and storage of large amounts of database information for full address resolution. Supports querying, reports and audits. • Database Processor – Provides real-time access to the subscriber database at the signaling node. • IMS HSS Address Resolution • LTE HSS Address Resolution Restrictions: This product SKU is for legacy customer applications only.	
	DSR Roaming Proxy Per Server	This sub-product adds roaming proxy to the Oracle Communications Diameter Signaling Router. The following features are provided with this sub-product: • MME Topology Hiding • HSS Topology Hiding • Path Topology Hiding Restrictions: This product SKU is for legacy customer applications only.	
	DSR Software Per lab	This sub-product provides access to all functionality in the Oracle Communications Diameter Signaling Router and all sub-products for non-production lab or test environments. Restrictions: This product SKU is for legacy customer applications only.	

	DSR Diameter MPS Per Node	This sub-product includes base functionality of the Oracle Communications Diameter Signaling Router and determines the maximum number of nodal Messages per Second (MPS) allowed by Oracle Communications Diameter Signaling Router. The base functionality consists of: • Connections • Routes • Additional routing package • IPSec MPS • Diameter Mediation rules • Message copy • Message throttling • Remote Congestion control • LTE and IMS Range based address resolution • Per connection TPS controls An MPS is defined as: 1. Processing of an ingress Diameter message and either transmitting a single outgoing message or discarding the ingress message. The outgoing message may be a variant of, or a response to, the ingress message. 2. Transmission of any Diameter message that is associated with incremental actions/events associated with #1 above. For example, the re-routing of a Request upon connection failure or the copying of a Request. Messages excluded from this measure are: • Diameter peer-to-peer messages: CER/CEA, DWR/DWA, and DPR/DPA • Ingress Diameter messages discarded by the DSR due to Overload controls • Answers received in response to Message Copy Nodal MPS is calculated as the peak 5-minute interval of the signaling node. A node is defined as a network element that is managed by a single system operations, alarms and measurements server pair. Orderable in single MPS increments. Restrictions: This license is for specific legacy customer applications only.

	DSR Initial Content Per Server	This sub-product provides the base Oracle Communications Diameter Signaling Router functionality as follows:
		OAM – Operations, administration, measurements functionality including SNMP, event logs, security logs, configuration, topology, user/group management and reports.
		Core Routing – Core routing and processing functionality that provides application specific handling of real-time Diameter messages.
		Congestion Management – Ingress and egress, local and remote Diameter congestion control.
		Connection Management – TCP, SCTP uni- and multi-homing, IPv4-IPv6 interworking, IPSec, load balancing and capabilities exchange.
		Diameter Mediation – GUI-based Diameter mediation framework used to build mediation rules to resolve inter-operability issues.
		Range Based Address Resolution – Stateless diameter proxy routing application that routes Diameter end-to-end transactions based on application ID, command code, routing entity type and routing entity address ranges.
		IP Front End –TCP/SCTP connection based ingress load balancing which enables Diameter clients to access multiple Diameter Signaling Router servers via one or more virtual IP addresses.
		Geo-redundant – The Diameter Signaling Router can be deployed with or without geo-redundancy.
		High Availability – All message processing critical components are engineered with high levels of redundancy to ensure high availability.
		Restrictions:
		This product SKU is for legacy customer applications only.

	DSR 5 Initial Content Per Server	Thissub-product provides Oracle Communications Diameter Signaling Router functionality as follows:
		OAM – Operations, administration, measurements functionality including SNMP, event logs, security logs, configuration, topology, user/group management and reports.
		Core Routing – Core routing and processing functionality that provides application specific handling of real-time Diameter messages.
		Congestion Management – Ingress and egress, local and remote Diameter congestion control.
		Connection Management – TCP, SCTP uni- and multi-homing, IPv4-IPv6 interworking, IPSec, load balancing and capabilities exchange.
		Diameter Mediation – GUI-based Diameter mediation framework used to build mediation rules to resolve inter-operability issues.
		Range Based Address Resolution – Stateless diameter proxy routing application that routes Diameter end-to-end transactions based on application ID, command code, routing entity type and routing entity address ranges.
		Message Copy – Ability to copy certain Diameter Requests or Requests and Answers that transit the Diameter Signaling Router.
		IP Front End –TCP/SCTP connection based ingress load balancing which enables Diameter clients to access multiple Diameter Signaling Router servers via one or more virtual IP addresses.
		Geo-redundant – The Diameter Signaling Router can be deployed with or without geo-redundancy.
		High Availability – All message processing critical components are engineered with high levels of redundancy to ensure high availability.
		Policy Proxy
		Off-Line Charging Proxy
		Roaming Proxy
		Message Copy
		Full Address Resolution Proxy
		Restrictions:
		This product SKU is for legacy customer applications only.
	DSR 5 Content Bundle Per Server	This sub-product adds all DSR 5.0 content to the Oracle Communications Diameter Signaling Router:
		Restrictions:
		This product SKU is for legacy customer applications only.

	DSR RMS Initial Content Per Server	This sub-product provides Oracle Communications Diameter Signaling Router functionality as follows:
		OAM – Operations, administration, measurements functionality including SNMP, event logs, security logs, configuration, topology, user/group management and reports.
		Core Routing – Core routing and processing functionality that provides application specific handling of real-time Diameter messages.
		Congestion Management – Ingress and egress, local and remote Diameter congestion control.
		Connection Management – TCP, SCTP uni- and multi-homing, IPv4-IPv6 interworking, IPSec, load balancing and capabilities exchange.
		Diameter Mediation – GUI-based Diameter mediation framework used to build mediation rules to resolve inter-operability issues.
		Range Based Address Resolution – Stateless diameter proxy routing application that routes Diameter end-to-end transactions based on application ID, command code, routing entity type and routing entity address ranges.
		Message Copy – Ability to copy certain Diameter Requests or Requests and Answers that transit the Diameter Signaling Router.
		IP Front End –TCP/SCTP connection based ingress load balancing which enables Diameter clients to access multiple Diameter Signaling Router servers via one or more virtual IP addresses.
		Geo-redundant – The Diameter Signaling Router can be deployed with or without geo-redundancy.
		High Availability – All message processing critical components are engineered with high levels of redundancy to ensure high availability.
		Roaming Proxy
		Message Copy
		Restrictions:
		This product SKU is for legacy customer applications only.

	DSR Policy Proxy I Per Server	This sub-product adds policy proxy to the Oracle Communications Diameter Signaling Router. The policy proxy enables dynamic routing of subscriber sessions to PCRFs and supports the following capabilities: • Distributes Gx/Gxx/S9/Rx sessions across PCRFs • Provides network-wide subscriber session binding • Provides session correlation across mated pairs • Performs topology hiding to hide the identities of the PCRFs from other elements in the network. Prerequisites: A license to DSR Initial Content Per Server is a prerequisite to license and use DSR Policy Proxy I Per Server. Restrictions: This product SKU is for legacy customer applications only.
	DSR Full Address Resolution I Per Server	This sub-product adds full address resolution features to the Oracle Communications Diameter Signaling Router. Full address resolution is an enhanced proxy routing application that routes end-to-end Diameter transactions based on app-id, Command Code, Routing Entity type and Individual Routing Entity. The following features are provided with this sub-product: • Subscriber Database Server – Provides provisioning and storage of large amounts of database information for full address resolution. Supports querying, reports and audits. • Database Processor – Provides real-time access to the subscriber database at the signaling node. • IMS HSS Address Resolution • LTE HSS Address Resolution Prerequisites: A license to DSR Initial Content Per Server is a prerequisite to license and use DSR Full Address Resolution I Per Server Restrictions: This product SKU is for legacy customer applications only.
	EXG DSR Message Copy Per Node	This sub-product adds message copy capability to the Oracle Communications Diameter Signaling Router. Message Copy is the ability to copy certain Diameter Requests or Requests and Answers that transit the Diameter Signaling Router. Restrictions: This product SKU is for legacy customer applications only.

	EXG DSR HSS Topology Hiding Per Node	This sub-product adds HSS Topology Hiding to the Oracle Communications Diameter Signaling Router. Restrictions: This product SKU is for legacy customer applications only.
	EXG DSR MME Topology Hiding Per Node	This sub-product adds MME Topology Hiding to the Oracle Communications Diameter Signaling Router. Restrictions: This product SKU is for legacy customer applications only.
	EXG DSR Path Topology Hiding Per Node	This sub-product adds Path Topology Hiding to the Oracle Communications Diameter Signaling Router. Restrictions: This product SKU is for legacy customer applications only.
	DSR Blacklisting Per Node	This sub-product adds Blacklisting support to the Oracle Communications Diameter Signaling Router. Restrictions: This product SKU is for legacy customer applications only.
	DSR User Config MSG Priority Per Node	This sub-product adds user configurable message priority to the Oracle Communications Diameter Signaling Router. Restrictions: This product SKU is for legacy customer applications only.
	DSR Message Copy Per Server	This sub-product adds message copy capability to the Oracle Communications Diameter Signaling Router. Message Copy is the ability to copy certain Diameter Requests or Requests and Answers that transit the Diameter Signaling Router. Restrictions: This product SKU is for legacy customer applications only.
	DSR RMS Message Copy Per Server	This sub-product adds message copy capability to the rack-mount Oracle Communications Diameter Signaling Router. Message Copy is the ability to copy certain Diameter Requests or Requests and Answers that transit the Diameter Signaling Router. Restrictions: This product SKU is for legacy customer applications only.

	DSR IPFE II Per Server	This sub-product adds IPFE features to the Oracle Communications Diameter Signaling Router. The IPFE features added by this sub-product are: • SCTP Multi-Homing for IPFE • Enhanced load balancing Restrictions: This product SKU is for legacy customer applications only.
	DSR RMS IPFE II Per Server	This sub-product adds IPFE features to the rack-mount Oracle Communications Diameter Signaling Router. The IPFE features added by this sub-product are: • SCTP Multi-Homing for IPFE • Enhanced load balancing Restrictions: This product SKU is for legacy customer applications only.
	DSR Core Routing III Per Server	This sub-product adds core routing features to the Oracle Communications Diameter Signaling Router. The core routing features added by this sub-product are: • Maximum message size of 30k bytes • Route group entries up to 160 • Enhanced pending answer timer configurations Restrictions: This product SKU is for legacy customer applications only.
	DSR RMS Core Routing III Per Server	This sub-product adds core routing features to the rack-mount Oracle Communications Diameter Signaling Router. The core routing features added by this sub-product are: • Maximum message size of 30k bytes • Route group entries up to 160 • Enhanced pending answer timer configurations Restrictions: This product SKU is for legacy customer applications only.
	DSR Roaming Proxy Topology Hiding I Per Server	This sub-product adds roaming proxy features to the Oracle Communications Diameter Signaling Router. The following features are added with this sub-product: • MME Topology Hiding • HSS Topology Hiding • Path Topology Hiding Restrictions: This product SKU is for legacy customer applications only.

	DSR RMS Roaming Proxy Topology Hiding I Per Server	This sub-product adds roaming proxy features to the rack-mount Oracle Communications Diameter Signaling Router. The following features are added with this sub-product: • MME Topology Hiding • HSS Topology Hiding • Path Topology Hiding Restrictions: This product SKU is for legacy customer applications only.
	DSR Full Address Resolution II Per Server	This sub-product adds full address resolution features to the Oracle Communications Diameter Signaling Router Full Address Resolution I license. The full address resolution features added by this sub-product are: • Blacklisting support • Ability to activate range and full address resolution on the same message Restrictions: This product SKU is for legacy customer applications only.

Third-Party Commercial and Open Source Software

Commercial Software

Commercial software used in Oracle Communications Diameter Signaling Router is identified in the following table with the following license notes, restrictions, and disclaimers.

Vendor	Product(s) and Version(s)	Functionality	Licensing Description/Disclaimer

Open Source Disclosure

Open Source Disclosure

Open source software used in Oracle Communications Diameter Signaling Router is identified in the following table with the following license notes, restrictions, and disclaimers. Additional open source software notices and licenses may be found in the Documentation or readme files of the products making up the individual components.

Vendor	Product(s) and Version(s)	Functionality	Licensing Description
Red Hat	chkconfig v. 1.3.49.3	A system tool for maintaining the /etc/rc*.d hierarchy	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version
	rhpl v. 0.221	Library of Python code used by installation and configuration tools	GPL 2.0 - See APPENDIX A

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The chkconfig v. 1.3.49.3,rhpl v. 0.221, Gdbm v.1.8.0, e2fsprogs v.1.41.12, qemu-kvm v.0.12.1.2, PXELINUX v.4.02, Audit v.2.2 and Htop v.1.0.1-2.rf software and sample code developed by Red Hat is licensed under the General Public License 2.0. |
	Gdbm v.1.8.0	hashing library	
	e2fsprogs v.1.41.12	filesystem utilities	
	qemu-kvm v.0.12.1.2	machine emulator and virtualizer	
	Htop v.1.0.1-2.rf	interactive process viewer for Linux	
	PXELINUX v.4.02	boots Linux from a network	

Vendor	Product(s) and Version(s)	Functionality	Licensing Description
	Audit v.2.2	utilities for storing and searching audit records	
	Augeas v.1.0.0	configuration editing tool	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version
	Avahi v.0.6.25	zero-configuration networking implementation	LGPL-2.1 - See APPENDIX E
			Copyright © Red Hat
	libcap-ng v.0.6.4	POSIX programming library	The Augeas v.0.9.0, Avahi v.0.6.25, libcap-ng v.0.6.4, libcap-ng v.0.6.4, Libgcrypt v.1.4.5 and libdevmapper.so v.1.02.74 software and sample code developed by Ext JS, LLC is licensed under the General Public License 2.0
	Libgcrypt v.1.4.5	cryptographic library	
	libdevmapper.so v.1.02.74	Linux Kernel Device Mapper library	
	libtool-ltdl v.2.2.6	library support script	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 3 of the License, or (at your option) any later version
			GPL 3.0 - See APPENDIX C
			Copyright© Red Hat
			The libtool-ltdl v.2.2.6 software and sample code developed by Red Hat is licensed under the General Public License 2.0.
Jason T. Collins	ctcs v. 1.3.0	VA Cerberus Test Control System	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version
			GPL 2.0 - See APPENDIX A
			Copyright © Jason T. Collins <jcollins@valinux.com> for VA Linux Systems
			The ctcs v. 1.3.0 software and sample code developed by Jason T Collins is licensed under the General Public License 2.0.

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Theodore Ts'o	e2fsprogs-libs v. 1.39	Ext2 Filesystem Utilities	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version GPL 2.0 - See APPENDIX A Copyright © Theodore Ts'o The e2fsprogs-libs v. 1.39 software and sample code developed by Theodore Ts'o is licensed under the General Public License 2.0.
Philip A. Nelson ,Jason Downs, Sergey Poznyakoff	gdbm v. 1.8.0	A GNU set of database routines which use extensible hashing	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version GPL 2.0 - See APPENDIX A Copyright © Philip A. Nelson, Jason Downs, Sergey Poznyakoff The gdbm v. 1.8.0 software and sample code developed by Philip A. Nelson ,Jason Downs, Sergey Poznyakoff is licensed under the General Public License 2.0.
Rusty Russell	iptables v. 1.4.7	Tools for managing Linux kernel packet filtering capabilities	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version GPL 2.0 - See APPENDIX A Copyright © Rusty Russell The iptables v. 1.4.7 software and sample code developed by Rusty Russell is licensed under the General Public License 2.0.

Vendor	Product(s) and Version(s)	Functionality	Licensing Description
Frodo Looijaard, Mark D. Studebaker, Jean Delvare	i2c-tools v. 3.0.0	A heterogeneous set of I2C tools for Linux	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version GPL 2.0 - See APPENDIX A Copyright © Frodo Looijaard, Mark D. Studebaker and Jean Delvare The i2c-tools v. 3.0.0 software and sample code developed by Frodo Looijaard, Mark D. Studebaker, Jean Delvare is licensed under the General Public License 2.0.
Canonical Ltd	initscripts v. 9.03.31	The inittab file and the /etc/init.d scripts	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version GPL 2.0 - See APPENDIX A Copyright © Canonical Ltd. The initscripts v. 9.03.31 software and sample code developed by Canonical Ltd is licensed under the General Public License 2.0.
Jon Masters	module-init-tools v. 3.9	Kernel module management utilities.	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version GPL 2.0 - See APPENDIX A Copyright © Jon Masters jcm@jonmasters.org The module-init-tools v. 3.9 software and sample code developed by Jon Masters is licensed under the General Public License 2.0.
Linus Torvalds	kernel v. 2.6.32	The Linux kernel	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version GPL 2.0 - See APPENDIX A Copyright © Linus Torvalds The kernel v. 2.6.32 and Linux Kernal v. 2.6.32 software and sample code developed by Linus Torvalds is licensed under the General Public License 2.0.

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Frodo Looijaard, Merlin Hughes, Bob Schlaermann, Mark M. Hoffman, Jean Delvare	lm_sensors v. 3.1.1	Linux monitoring sensors/ hardware monitoring	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version GPL 2.0 - See APPENDIX A Copyright © Frodo Looijaard, Merlin Hughes, Bob Schlaermann, Mark M. Hoffman, Jean Delvare The lm_sensors v. 3.1.1 software and sample code developed by Frodo Looijaard, Merlin Hughes, Bob Schlaermann, Mark M. Hoffman, Jean Delvare is licensed under the General Public License 2.0.
Igor Pavlov, Ville Koskinen and Lasse Collin	lzma v. 4.32.7	A few scripts which provide gzip-like command line interface and a couple of other LZMA related tools.	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version GPL 2.0 - See APPENDIX A Copyright © Igor Pavlov, Ville Koskinen and Lasse Collin The lzma v. 4.32.7software and sample code developed by Igor Pavlov, Ville Koskinen and Lasse Collin is licensed under the General Public License 2.0.
MicroWalt Corporation	net-tools v. 1.6	Basic networking tools	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version GPL 2.0 - See APPENDIX A Copyright © 1988-1994 MicroWalt Corporation, Copyright © 1995-1996 Bernd Eckenfels, Copyright © 1997-2000 Andi Kleen, Copyright © 1997-2000 Donald Becker The net-tools v. 1.6 software and sample code developed by MicroWalt Corporation, Bernd Eckenfels, Andi Kleen, Donald Becker is licensed under the General Public License 2.0.

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Thomas Boutell	rinetd v. 0.62	TCP redirection server	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version GPL 2.0 - See APPENDIX A Copyright © Thomas Boutell The rinetd v. 0.62 software and sample code developed by Thomas Boutell is licensed under the General Public License 2.0.
Erik Troan and Marc Ewing	rpm v. 4.8.0	The RPM package management system	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version GPL 2.0 - See APPENDIX A Copyright © Erik Troan and Marc Ewing The rpm v. 4.8.0 software and sample code developed by Erik Troan and Marc Ewing is licensed under the General Public License 2.0.
Greg Kroah-Hartman	udev v. 147	A userspace implementation of devfs	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version GPL 2.0 - See APPENDIX A Copyright © Greg Kroah-Hartman The udev v. 147 software and sample code developed by Greg Kroah-Hartman is licensed under the General Public License 2.0.
Richard Archer	Phplib v.7.4	application development toolkit for PHP	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2.0 of the License, or (at your option) any later version LGPL-2 - See APPENDIX D Copyright © Richard Archer The Phplib v.7.4software and sample code developed by Richard Archer is licensed under the General Public License 2.0

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Iptel.org	serweb-frmwrk v.1.0.6	Web Server Framework	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version GPL 2.0 - See APPENDIX A Copyright © Iptel.org The serweb-frmwrk v.1.0.6 software and sample code developed by Iptel.org is licensed under the General Public License 2.0.
Gentoo Foundation	Elfutils v.0.158	inspect and manipulate ELF files	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version GPL 2.0 - See APPENDIX A Copyright © Gentoo Foundation The Elfutils v.0.152 and liblvm2cmd.so v.2.02.95 software and sample code developed by Gentoo Foundation is licensed under the General Public License 2.0.
	liblvm2cmd.so v.2.02.95	LVM Library	
	libcap-ng v.0.6.4	POSIX programming library	The Linux kernel This program is free software; you can redistribute it and/or modify it under the terms of the GNU Lessor General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version LGPL 2.1 - See APPENDIX E Copyright © Gentoo Foundation libcap-ng v.0.6.4, Attr v.2.4.44, and Netcf v.0.1.9 software and sample code developed Gentoo Foundation is licensed under the General Public License 2.0.
	Attr v.2.4.44	Web API Interface	
	Netcf v.0.2.4	library for configuring network interfaces	

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Scientific Linux	Numactl v.2.0.9	NUMA scheduling / placement policy	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version
	Keyutils v.1.4	utilities for managing the key retention facility	GPL 2.0 - See APPENDIX A

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The Numactl v.2.0.7and keyutils-libs v.1.4 sample code developed by Scientific Linux is licensed under the General Public License 2.0. |
| | Libnl v.1.1 | Netlink API Library | The Linux kernel This program is free software; you can redistribute it and/or modify it under the terms of the GNU Lessor General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version |
| | Xz v.4.999.9 | data compression software | |
| | keyutils-libs v.1.2 | Utilities Library | LGPL 2.1 - See APPENDIX E

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	Gnutls v.2.8.5	secure communications library	liblvm2cmd.so v.2.02.95, libgpg-error v.1.7, Libnl v.1.1, xz v.4.999.9, keyutils-libs v.1.2, and Gnutls v.2.8.5 software and sample code developed by Scientific Linux is licensed under the General Public License 2.0.
	libgpg-error v.1.7	library that defines common error values	
Tresys Technology	selinux-policy v. 3.7.19	SELinux policy configuration	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 3 of the License, or (at your option) any later version
	setools v. 3.3.7	Policy analysis tools for SELinux	GPL 3.0 - See APPENDIX C

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The selinux-policy v. 3.7.19 and setools v. 3.3.7 software and sample code developed by Tresys Technology is licensed under the General Public License 2.0. |

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Eric Sommerlade, Michael Feathers, Jerome Lacoste, Baptiste Lepilleur, Bastiaan Bakker, Steve Robbins	cppunit-1.12.1-3.1.e16	C++ Unit Testing Framework	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 3 of the License, or (at your option) any later version GPL 3.0 - See APPENDIX C Copyright© Eric Sommerlade, Michael Feathers, Jerome Lacoste, Baptiste Lepilleur, Bastiaan Bakker, Steve Robbins The cppunit-1.12.1-3.1.e16 software and sample code developed by Eric Sommerlade, Michael Feathers, Jerome Lacoste, Baptiste Lepilleur, Bastiaan Bakker, Steve Robbins is licensed under the General Public License 2.0.
Fedora Project	device-mapper-persistent-data 0.3.2	device-mapper thin provisioning tools	This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 3 of the License, or (at your option) any later version GPL 3.0 - See APPENDIX C Copyright© Fedora Project The device-mapper-persistent-data software and sample code developed Fedora Project is licensed under the General Public License 2.0.
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	apr-util-mysql	
	apr-util-odbc	
	apr-util-pgsql	
	apr-util-sqlite	
arptables_jf	arptables_jf	GPL
	arptables_jf	GPLv2+ starting 6.0
at	at	GPL
	at	GPLv2+ starting 6.0
atk	atk	LGPL
	atk-devel	LGPLv2+ starting 6.0
	atk	
	atk-devel	
attr	attr	GPL
	libattr	GPLv2+ starting 6.0
	libattr-devel	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	attr	
	libattr	
	libattr-devel	
audiofile	audiofile	LGPL
	audiofile-devel	LGPLv2+ starting 6.0
	audiofile	
	audiofile-devel	
audit	audit	GPL
	audit-libs	GPLv2+ starting 6.0
	audit-libs-devel	
	audit-libs-python	
	audispd-plugins	
	system-config-audit	
	audispd-plugins	
	audit	
	audit-libs	
	audit-libs-devel	
	audit-libs-python	
	audit-libs-static	
authconfig	authconfig	GPL
	authconfig-gtk	GPLv2+ starting 5.2
	authconfig	
	authconfig-gtk	
autoconf	autoconf	GPL
	autoconf	GPLv3+ and GFDL starting 6.0
autofs	autofs	GPL
	autofs	GPLv2+ starting 6.0
automake	automake	GPL
	automake	GPLv2+ and GFDL starting 6.0
basesystem	basesystem	public domain
	basesystem	Public Domain starting 6.0
bash	bash	GPL
	bash	GPLv2+ starting 5.2
	bash	GPLv3+ starting 6.0
	bash-doc	
bc	bc	GPL
	bc	GPLv2+ starting 6.0
bind	bind	BSD-like
	bind-chroot	ISC starting 6.0

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	bind-devel	
	bind-libs	
	bind-utils	
	bind-libbind-devel	
	bind-sdb	
	caching-nameserver	
	bind	
	bind-chroot	
	bind-devel	
	bind-libs	
	bind-sdb	
	bind-utils	
binutils	binutils	GPL
	binutils-devel	GPLv3+ starting 6.0
	binutils	
	binutils-devel	
bridge-utils	bridge-utils	GPL
	bridge-utils-devel	GPLv2+ starting 6.0
	bridge-utils	
busybox	busybox	GPL
	busybox-anaconda	GPLv2 starting 6.0
	busybox	
	busybox-petitboot	
bzip2	bzip2	BSD
	bzip2-devel	
	bzip2-libs	
checkpolicy	checkpolicy	GPL
	checkpolicy	GPLv2 starting 6.0
chkconfig	chkconfig	GPL
	ntsysv	GPLv2 starting 6.0
	chkconfig	
	ntsysv	
compat-gcc-296	compat-libgcc-296	GPL
	compat-libstdc++-296	GPLv2+ starting 6.0
	compat-libgcc-296	
	compat-libstdc++-296	
comps-extras	comps-extras	GPL
	comps-extras	GPL+ and LGPL+ starting 6.0
coreutils	coreutils	GPL

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	coreutils	GPLv2+ starting 5.2
	coreutils	GPLv3+ starting 6.0
	coreutils-libs	
cpio	cpio	GPL
	cpio	GPLv3+ starting 6.0
cracklib	cracklib	Artistic
	cracklib-dicts	LGPLv2+ starting 6.0
	cracklib	
	cracklib-devel	
	cracklib-dicts	
	cracklib-python	
crash	crash	GPL
	crash-devel	GPLv2 starting 5.5
	crash	GPLv3 starting 6.0
	crash-devel	
	crash-devel	
	crash	
	crash-devel	
crontabs	crontabs	Public Domain
	crontabs	Public Domain and GPLv2 starting 6.0
cups	cups	GPL
	cups-devel	GPLv2 starting 6.0
	cups-libs	
	cups-lpd	
	cups	
	cups-devel	
	cups-libs	
	cups-lpd	
	cups-php	
curl	curl	MPL
	curl-devel	MIT starting 5.0
	curl	
	curl-devel	
	libcurl	
	libcurl-devel	
cvs	cvs	GPL
	cvs	GPL+ and GPLv2+ and LGPL+ starting 6.0
	cvs-inetd	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
cyrus-sasl	cyrus-sasl	Freely Distributable
	cyrus-sasl-devel	BSD starting 6.0
	cyrus-sasl-gssapi	
	cyrus-sasl-md5	
	cyrus-sasl-ntlm	
	cyrus-sasl-plain	
	cyrus-sasl-sql	
	cyrus-sasl-ldap	
	cyrus-sasl-lib	
	cyrus-sasl	
	cyrus-sasl-devel	
	cyrus-sasl-gssapi	
	cyrus-sasl-ldap	
	cyrus-sasl-lib	
	cyrus-sasl-md5	
	cyrus-sasl-ntlm	
	cyrus-sasl-plain	
	cyrus-sasl-sql	
db4	db4	GPL
	db4-devel	BSD starting 6.0
	db4-java	Sleepycat and BSD starting 6.3
	db4-tcl	
	db4-utils	
	db4	
	db4-cxx	
	db4-devel	
	db4-devel-static	
	db4-java	
	db4-tcl	
	db4-utils	
	db4	
	db4-cxx	
	db4-devel	
	db4-devel-static	
	db4-java	
	db4-tcl	
	db4-utils	
dbus	dbus	AFL/GPL
	dbus-devel	GPLv2+ or AFL starting 5.3

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	dbus-glib	
	dbus-python	
	dbus-x11	
	dbus	
	dbus	
	dbus-devel	
	dbus-devel	
	dbus-libs	
	dbus-libs	
	dbus-x11	
	dbus-doc	
desktop-file-utils	desktop-file-utils	GPL
	desktop-file-utils	GPLv2+ starting 6.0
device-mapper-multipath	device-mapper-multipath	GPL
	kpartx	GPL+ starting 5.6
	device-mapper-multipath	
	device-mapper-multipath-libs	
	kpartx	
device-mapper-persistent-data	device-mapper-persistent-data	GPLv3+
dhcp	dhclient	distributable
	dhcp	BSD starting 4.8
	dhcp-devel	ISC starting 6.0
	dhclient	
	dhcp	
	dhcp-devel	
	libdhcp4client	
	libdhcp4client-devel	
	dhclient	
	dhcp	
	dhcp-devel	
	dhcp-common	
dialog	dialog	GPL
	dialog	LGPLv2 starting 6.0
	dialog-devel	
diffutils	diffutils	GPL
	diffutils	GPLv2+ starting 6.0
dmraid	dmraid	GPL
	dmraid-devel	GPLv2+ starting 6.0
	dmraid-events	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	dmraid-events-logwatch	
	dmraid	
	dmraid-devel	
	dmraid-events	
	dmraid-events-logwatch	
docbook-dtds	docbook-dtds	Distributable
	docbook-dtds	Copyright only starting 6.0
dos2unix	dos2unix	Freely distributable
	dos2unix	BSD starting 6.0
dosfstools	dosfstools	GPL
	dosfstools	GPLv3+ starting 6.0
dvd+rw-tools	dvd+rw-tools	GPL
	dvd+rw-tools	GPLv2 starting 6.0
e2fsprogs	e2fsprogs	GPL
	e2fsprogs-devel	GPLv2 starting 6.0
	uuidd	
	e2fsprogs-libs	
	e2fsprogs	
	e2fsprogs-devel	
	e2fsprogs-libs	
	libcom_err	
	libcom_err-devel	
	libss	
	libss-devel	
eject	eject	GPL
	eject	GPLv2+ starting 6.0
elfutils	elfutils	GPL
	elfutils-devel	GPLv2 with exceptions starting 5.3
	elfutils-libelf	
	elfutils-libelf-devel	
	elfutils-devel-static	
	elfutils-libelf-devel-static	
	elfutils-libs	
	elfutils	
	elfutils-devel	
	elfutils-devel	
	elfutils-devel-static	
	elfutils-devel-static	
	elfutils-libelf	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	elfutils-libelf	
	elfutils-libelf-devel	
	elfutils-libelf-devel	
	elfutils-libelf-devel-static	
	elfutils-libelf-devel-static	
	elfutils-libs	
	elfutils-libs	
ethtool	ethtool	GPL
	ethtool	GPLv2 starting 6.0
expat	expat	BSD
	expat-devel	MIT starting 6.0
	expat	
	expat-devel	
expect	expect	Public Domain
	expect-devel	
	expectk	
file	file	distributable
	file	BSD starting 6.0
	file-devel	
	file-libs	
	file-static	
	python-magic	
filesystem	filesystem	Public Domain
findutils	findutils	GPL
	findutils	GPLv3+ starting 6.0
flac	flac	LGPL/GPL
	flac-devel	BSD and GPLv2+ starting 6.0
	xmms-flac	
	flac	
	flac-devel	
fontconfig	fontconfig	MIT
	fontconfig-devel	
freetype	freetype	BSD/GPL dual license
	freetype-demos	FTL or GPLv2+ starting 6.0
	freetype-devel	
	freetype-utils	
	freetype	
	freetype-demos	
	freetype-devel	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
ftp	ftp	BSD
	ftp	BSD with advertising starting 6.0
gamin	gamin	LGPL
	gamin-devel	LGPLv2 starting 6.0
	gamin-python	
	gamin	
	gamin-devel	
	gamin-python	
gawk	gawk	GPL
	gawk	GPLv3+ starting 6.0
gcc	cpp	GPL
	gcc	GPLv3+ and GPLv3+ with exceptions and GPLv2+ with exceptions starting 6.0
	gcc-c++	
	gcc-g77	
	gcc-gnat	
	gcc-java	
	gcc-objc	
	libf2c	
	libgcc	
	libgcj	
	libgcj-devel	
	libgnat	
	libobjc	
	libstdc++	
	libstdc++-devel	
	gcc-gfortran	
	gcc-objc++	
	libgcj-src	
	libgfortran	
	libgomp	
	libmudflap	
	libmudflap-devel	
	cpp	
	gcc	
	gcc-c++	
	gcc-gfortran	
	gcc-gnat	
	gcc-java	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	gcc-objc	
	gcc-objc++	
	libgcc	
	libgcj	
	libgcj-devel	
	libgcj-src	
	libgfortran	
	libgnat	
	libgnat-devel	
	libgomp	
	libmudflap	
	libmudflap-devel	
	libobjc	
	libstdc++	
	libstdc++-devel	
	libstdc++-docs	
GConf2	GConf2	LGPL
	GConf2-devel	LGPLv2+ starting 6.0
	GConf2	
	GConf2-devel	
	GConf2-gtk	
gdb	gdb	GPL
	gdb	GPLv3+ starting 5.3
	gdb	GPLv3+ and GPLv3+ with exceptions and GPLv2+ and GPLv2+ with exceptions and GPL+ and LGPLv2+ and GFDL and BSD and Public Domain starting 6.0
	gdb-gdbserver	
gdbm	gdbm	GPL
	gdbm-devel	GPLv2+ starting 6.0
	gdbm	
	gdbm-devel	
gettext	gettext	GPL/LGPL
	gettext-devel	GPLv3 and LGPLv2+ starting 5.6
	gettext	
	gettext-devel	
	gettext-libs	
ghostscript-fonts	ghostscript-fonts	GPL
	ghostscript-fonts	GPLv2+ and Hershey and MIT and OFL and Public Domain

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
		starting 6.0
glib2	glib2 glib2-devel glib2 glib2-devel glib2-static	LGPL LGPLv2+ starting 6.0
glibc	glibc glibc glibc-common glibc-devel glibc-headers glibc-profile glibc-utils nptl-devel nptl-devel nscd glibc glibc-common glibc-devel glibc-headers glibc-static glibc-utils nscd	LGPL LGPLv2+ and LGPLv2+ with exceptions and GPLv2+ starting 6.0
gmp	gmp gmp-devel gmp gmp-devel gmp-static	LGPL LGPLv2+ and GPLv3+ and LGPLv3+ starting 6.0
gnome-icon-theme	gnome-icon-theme gnome-icon-theme	GPL GPL+ starting 6.0
gnome-keyring	gnome-keyring gnome-keyring-devel gnome-keyring gnome-keyring-devel gnome-keyring-pam	GPL/LGPL GPLv2+ and LGPLv2+ starting 6.0
gnome-python2	gnome-python2 gnome-python2-applet	LGPL LGPLv2+ starting 6.0

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	gnome-python2-bonobo	
	gnome-python2-canvas	
	gnome-python2-gconf	
	gnome-python2-gnomeprint	
	gnome-python2-gnomevfs	
	gnome-python2-gtkhtml2	
	gnome-python2-nautilus	
	gnome-python2	
	gnome-python2-bonobo	
	gnome-python2-canvas	
	gnome-python2-devel	
	gnome-python2-gconf	
	gnome-python2-gnome	
	gnome-python2-gnomevfs	
gnome-themes	gnome-themes	LGPL
	gnome-themes	LGPLv2 and GPLv2 starting 6.0
gnome-vfs2	gnome-vfs2	LGPL
	gnome-vfs2-devel	LGPLv2+ and GPLv2+ starting 6.0
	gnome-vfs2-smb	
	gnome-vfs2	
	gnome-vfs2-devel	
	gnome-vfs2-smb	
gnutls	gnutls	LGPL
	gnutls-devel	GPLv3+ and LGPLv2+ starting 6.0
	gnutls-utils	
	gnutls	
	gnutls-devel	
	gnutls-guile	
	gnutls-utils	
gpm	gpm	GPL
	gpm-devel	GPLv2+ starting 6.0
	gpm	
	gpm-devel	
	gpm-libs	
	gpm-static	
grep	grep	GPL
	grep	GPLv3+ starting 6.0
groff	groff	GPL

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	groff-gxditview	GPLv2 and GFDL starting 6.0
	groff-perl	
	groff	
	groff-gxditview	
	groff-perl	
grub	grub	GPL
	grub	GPLv2+ starting 6.0
gstreamer	gstreamer	LGPL
	gstreamer-devel	LGPLv2+ starting 5.3
	gstreamer-tools	
	gstreamer	
	gstreamer	
	gstreamer-devel	
	gstreamer-devel	
	gstreamer-tools	
	gstreamer-devel-docs	
gtk2	gtk2	LGPL
	gtk2-devel	LGPLv2+ starting 6.0
	gtk2	
	gtk2-devel	
	gtk2-devel-docs	
	gtk2-immodules	
	gtk2-immodule-xim	
gtk2-engines	gtk2-engines	GPL
	gtk2-engines	LGPLv2+ starting 6.0
	gtk2-engines-devel	
gzip	gzip	GPL
	gzip	GPLv2+ and GFDL starting 6.0
hal	hal	AFL/GPL
	hal-devel	AFL or GPLv2 starting 6.0
	hal-gnome	
	hal	
	hal-devel	
	hal-docs	
	hal-libs	
	hal-storage-addon	
hdparm	hdparm	BSD
	hdparm	BSD and GPLv2 starting 6.0
hesiod	hesiod	MIT

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	hesiod-devel	
hicolor-icon-theme	hicolor-icon-theme	GPL
	hicolor-icon-theme	GPL+ starting 6.0
httpd	httpd	Apache Software License
	httpd-devel	ASL 2.0 starting 6.0
	httpd-manual	
	httpd-suexec	
	mod_ssl	
	httpd	
	httpd-devel	
	httpd-manual	
	httpd-tools	
	mod_ssl	
hwdata	hwdata	GPL/MIT
	hwdata	GPLv2+ and LGPLv2+ starting 5.2
initscripts	initscripts	GPL
	initscripts	GPLv2 and GPLv2+ starting 5.3
	debugmode	
iproute	iproute	GNU GPL
	iproute	GPLv2+ and Public Domain starting 6.0
	iproute-doc	
iptables	iptables	GPL
	iptables-devel	GPLv2 starting 6.0
	iptables-ipv6	
	iptables	
	iptables-devel	
	iptables-ipv6	
iputils	iputils	BSD
	iputils	BSD with advertising and GPLv2+ and Rdisc starting 6.0
jpackage-utils	jpackage-utils	JPackage License
	jpackage-utils	BSD starting 6.0
kbd	kbd	GPL
	kbd	GPLv2+ starting 6.0
	kbd-misc	
kernel	kernel	GPLv2
	kernel-devel	
	kernel-doc	
	kernel-hugemem	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	kernel-hugemem-devel	
	kernel-smp	
	kernel-smp-devel	
	kernel-largesmp	
	kernel-largesmp-devel	
	kernel-sourcecode	
	kernel-xenU	
	kernel-xenU-devel	
	kernel-headers	
	kernel-PAE	
	kernel-PAE-devel	
	kernel-xen-devel	
	kernel-debug	
	kernel-debug-devel	
	kernel-firmware	
	perf	
	kernel-BOOT	
	kernel-BOOT-devel	
	kernel-kdump	
	kernel-kdump-devel	
	kernel-ovs	
	kernel-ovs-devel	
	python-perf	
keyutils	keyutils	GPL/LGPL
	keyutils-devel	GPLv2+ and LGPLv2+ starting 6.0
	keyutils-libs	
	keyutils-libs-devel	
	keyutils	
	keyutils-libs	
	keyutils-libs-devel	
krb5	krb5-devel	MIT, freely distributable.
	krb5-libs	
	krb5-server	
	krb5-workstation	
	krb5-server-ldap	
	krb5-pkinit-openssl	
less	less	GPL
	less	GPLv3+ starting 6.0
lftp	lftp	GPL

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	lftp	GPLv2 starting 4.8
	lftp	GPLv3 starting 5.4
	lftp	GPLv3+ starting 6.0
	lftp-scripts	
libaio	libaio	LGPL
	libaio-devel	LGPLv2+ starting 6.0
	libaio	
	libaio-devel	
libart_lgpl	libart_lgpl	LGPL
	libart_lgpl-devel	LGPLv2+ starting 6.0
	libart_lgpl	
	libart_lgpl-devel	
libbonobo	libbonobo	LGPL
	libbonobo-devel	GPLv2+ and LGPLv2+ starting 6.0
	libbonobo	
	libbonobo-devel	
libbonoboui	libbonoboui	LGPL
	libbonoboui-devel	GPLv2+ and LGPLv2+ starting 6.0
	libbonoboui	
	libbonoboui-devel	
libcap	libcap	BSD-like and LGPL
	libcap-devel	LGPLv2+ or BSD starting 6.0
	libcap	
	libcap-devel	
libgcrypt	libgcrypt	LGPL
	libgcrypt-devel	LGPLv2+ starting 5.4
	libgcrypt	
	libgcrypt-devel	
libglade2	libglade2	LGPL
	libglade2-devel	LGPLv2+ starting 6.0
	libglade2	
	libglade2-devel	
libgnome	libgnome	LGPL
	libgnome-devel	LGPLv2+ starting 6.0
	libgnome	
	libgnome-devel	
libgnomecanvas	libgnomecanvas	LGPL
	libgnomecanvas-devel	LGPLv2+ starting 6.0

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	libgnomecanvas	
	libgnomecanvas-devel	
libgnomeui	libgnomeui	LGPL
	libgnomeui-devel	LGPLv2+ starting 6.0
	libgnomeui	
	libgnomeui-devel	
libgpg-error	libgpg-error	LGPL
	libgpg-error-devel	LGPLv2+ starting 6.0
	libgpg-error	
	libgpg-error-devel	
libIDL	libIDL	LGPL
	libIDL-devel	LGPLv2+ starting 6.0
	libIDL	
	libIDL-devel	
libidn	libidn	LGPL
	libidn-devel	LGPLv2+ and GPLv3+ and GFDL starting 6.0
	libidn	
	libidn-devel	
libmng	libmng	BSD-like
	libmng-devel	zlib starting 6.0
	libmng-static	
	libmng	
	libmng-devel	
libselinux	libselinux	Public domain (uncopyrighted)
	libselinux-devel	Public Domain starting 6.0
	libselinux-python	
	libselinux-utils	
	libselinux-ruby	
	libselinux	
	libselinux-devel	
	libselinux-python	
	libselinux-ruby	
	libselinux-static	
	libselinux-utils	
libsepol	libsepol	GPL
	libsepol-devel	LGPLv2+ starting 5.4
	libsepol	
	libsepol-devel	
	libsepol-static	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
libtiff	libtiff libtiff-devel libtiff libtiff libtiff-devel libtiff-devel libtiff-static	distributable libtiff starting 5.3
libtool	libtool libtool-libs libtool-ltdl libtool-ltdl-devel libtool libtool-ltdl libtool-ltdl-devel	GPL GPLv2+ and LGPLv2+ and GFDL starting 6.0
libusb	libusb libusb-devel libusb libusb-devel libusb-static	LGPL LGPLv2+ starting 6.0
libuser	libuser libuser-devel libuser libuser-devel libuser-python	LGPL LGPLv2+ starting 6.0
libvorbis	libvorbis libvorbis-devel libvorbis-devel-docs	BSD
libwnck	libwnck libwnck-devel libwnck libwnck-devel	LGPL LGPLv2+ starting 6.0
libwvstreams	libwvstreams libwvstreams-devel libwvstreams libwvstreams-devel	LGPL LGPLv2+ starting 6.0
libxml2	libxml2 libxml2-devel libxml2-python libxml2-static	MIT

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
lksctp-tools	lksctp-tools	LGPL
	lksctp-tools-devel	GPLv2 and GPLv2+ and LGPLv2 and BSD starting 6.0
	lksctp-tools-doc	
	lksctp-tools	
	lksctp-tools-devel	
	lksctp-tools-doc	
lm_sensors	lm_sensors	GPL
	lm_sensors-devel	GPLv2+ starting 6.0
	lm_sensors	
	lm_sensors-devel	
	lm_sensors-libs	
	lm_sensors-sensord	
lockdev	lockdev	LGPL
	lockdev-devel	LGPLv2 starting 6.0
	lockdev	
	lockdev-devel	
logrotate	logrotate	GPL
	logrotate	GPL+ starting 6.0
lrzsz	lrzsz	GPL
	lrzsz	GPLv2+ starting 6.0
lsof	lsof	Free
	lsof	zlib starting 6.0
ltrace	ltrace	GPL
	ltrace	GPLv2+ starting 6.0
lvm2	lvm2	GPL
	cmirror	GPLv2 starting 6.0
	device-mapper	
	device-mapper-devel	
	device-mapper-event	
	device-mapper-event-devel	
	device-mapper-event-libs	
	device-mapper-libs	
	lvm2	
	lvm2-cluster	
	lvm2-devel	
	lvm2-libs	
lynx	lynx	GPL
	lynx	GPLv2 starting 6.0
m4	m4	GPL

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	m4	GPLv3+ starting 6.0
mailcap	mailcap	public domain
	mailcap	Public Domain and MIT starting 6.0
mailx	mailx	BSD
	mailx	BSD with advertising and MPLv1.1 starting 6.0
make	make	GPL
	make	GPLv2+ starting 6.0
MAKEDEV	MAKEDEV	GPL
	MAKEDEV	GPLv2 starting 6.0
man	man	GPL
	man	GPLv2 starting 6.0
man-pages	man-pages	distributable
	man-pages	GPLv2+ and GPL+ and BSD and MIT and Copyright only and IEEE starting 6.0
mdadm	mdadm	GPL
	mdadm	GPLv2+ starting 6.0
mgetty	mgetty	GPL
	mgetty-sendfax	GPLv2+ starting 6.0
	mgetty-viewfax	
	mgetty-voice	
	mgetty	
	mgetty-sendfax	
	mgetty-viewfax	
	mgetty-voice	
mingetty	mingetty	GPL
	mingetty	GPLv2+ starting 6.0
minicom	minicom	GPL
	minicom	GPLv2+ starting 6.0
mkbootdisk	mkbootdisk	GPL
	mkbootdisk	GPLv2+ starting 6.0
module-init-tools	module-init-tools	GPL
	module-init-tools	GPLv2+ starting 6.0
mtdev	mtdev	MIT
mtools	mtools	GPL
	mtools	GPLv2+ starting 6.0
nc	nc	GPL
	nc	BSD starting 6.0
ncompress	ncompress	distributable

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	ncompress	Public Domain starting 6.0
ncurses	ncurses	distributable
	ncurses-devel	MIT starting 6.0
	ncurses	
	ncurses-base	
	ncurses-devel	
	ncurses-libs	
	ncurses-static	
	ncurses-term	
neon	neon	LGPL
	neon-devel	LGPLv2+ starting 6.0
	neon	
	neon-devel	
net-snmp	net-snmp	BSDish
	net-snmp-devel	
	net-snmp-libs	
	net-snmp-perl	
	net-snmp-utils	
	net-snmp-python	
net-tools	net-tools	GPL
	net-tools	GPL+ starting 6.0
newt	newt	LGPL
	newt-devel	LGPLv2 starting 6.0
	newt	
	newt-devel	
	newt-python	
	newt-static	
nfs-utils	nfs-utils	GPL
	nfs-utils	MIT and GPLv2 and GPLv2+ and BSD starting 6.0
nfs-utils-lib	nfs-utils-lib	GPL
	nfs-utils-lib-devel	BSD starting 6.0
	nfs-utils-lib	
	nfs-utils-lib-devel	
nmap	nmap	GPL
	nmap-frontend	GPLv2 and LGPLv2+ and GPLv2+ and BSD starting 6.0
	nmap	
	nmap-frontend	
nss_db	nss_db	GPL

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	nss_db-compat nss_db	Sleepycat and LGPLv2+ starting 6.0
ntp	ntp ntp ntpdate ntp-doc ntp-perl	distributable (MIT and BSD and BSD with advertising) and GPLv2 starting 6.0
numactl	numactl numactl-devel numactl numactl-devel	LGPL/GPL LGPLv2/GPLv2 starting 6.0
OpenIPMI	OpenIPMI OpenIPMI-devel OpenIPMI-libs OpenIPMI-tools OpenIPMI-perl OpenIPMI-python OpenIPMI-gui OpenIPMI OpenIPMI-devel OpenIPMI-libs OpenIPMI-perl OpenIPMI-python	GPL LGPLv2+ and GPLv2+ or BSD starting 6.0
openjade	openjade openjade-devel openjade	Distributable BSD starting 6.0
openldap	compat-openldap openldap openldap-clients openldap-devel openldap-servers openldap-servers-sql openldap-servers-overlays	OpenLDAP
openssh	openssh openssh-askpass openssh-askpass-gnome openssh-clients	BSD

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	openssh-server	
	pam_ssh_agent_auth	
	openssh-ldap	
openssl	openssl	BSDish
	openssl	OpenSSL starting 6.0
	openssl-devel	
	openssl-perl	
	openssl	
	openssl-devel	
	openssl-perl	
	openssl-static	
ORBit2	ORBit2	LGPL/GPL
	ORBit2-devel	LGPLv2+ and GPLv2+ starting 6.0
	ORBit2	
	ORBit2-devel	
pam	pam	GPL or BSD
	pam-devel	BSD and GPLv2+ starting 6.0
	pam	
	pam-devel	
pam_passwdqc	pam_passwdqc	BSD-compatible
	pam_passwdqc	BSD and Copyright only starting 6.0
pango	pango	LGPL
	pango-devel	LGPLv2+ starting 6.0
	pango	
	pango-devel	
parted	parted	GPL
	parted-devel	GPLv2+ starting 4.7
	parted	GPLv3+ starting 6.0
	parted-devel	
	parted	
	parted-devel	
passwd	passwd	BSD
	passwd	BSD or GPLv2+ starting 6.0
patch	patch	GPL
	patch	GPLv2+ starting 6.0
patchutils	patchutils	GPL
	patchutils	GPLv2+ starting 6.0
pax	pax	BSD

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
pciutils	pciutils pciutils-devel pciutils pciutils-devel pciutils-devel-static pciutils-libs	GPL GPLv2+ starting 5.6
pcre	pcre pcre-devel pcre pcre-devel pcre-static	distributable BSD starting 5.0
perl	perl perl-suidperl perl perl-Archive-Extract perl-Archive-Tar perl-CGI perl-Compress-Raw-Zlib perl-Compress-Zlib perl-core perl-CPAN perl-CPANPLUS perl-devel perl-Digest-SHA perl-ExtUtils-CBuilder perl-ExtUtils-Embed perl-ExtUtils-MakeMaker perl-ExtUtils-ParseXS perl-File-Fetch perl-IO-Compress-Base perl-IO-Compress-Zlib perl-IO-Zlib perl-IPC-Cmd perl-libs perl-Locale-Maketext-Simple perl-Log-Message perl-Log-Message-Simple	Artistic or GPL (GPL+ or Artistic) and (GPLv2+ or Artistic) and Copyright Only and MIT and Public Domain and UCD starting 6.0

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	perl-Module-Build	
	perl-Module-CoreList	
	perl-Module-Load	
	perl-Module-Load-Conditional	
	perl-Module-Loaded	
	perl-Module-Pluggable	
	perl-Object-Accessor	
	perl-Package-Constants	
	perl-Params-Check	
	perl-parent	
	perl-Parse-CPAN-Meta	
	perl-Pod-Escapes	
	perl-Pod-Simple	
	perl-suidperl	
	perl-Term-UI	
	perl-Test-Harness	
	perl-Test-Simple	
	perl-Time-HiRes	
	perl-Time-Piece	
	perl-version	
	perl-Compress-Raw-Bzip2	
	perl-IO-Compress-Bzip2	
perl-Bit-Vector	perl-Bit-Vector	distributable
	perl-Bit-Vector	GPL or Artistic starting 5.0
	perl-Bit-Vector	(GPLv2+ or Artistic) and LGPLv2+ starting 6.0
perl-Convert-ASN1	perl-Convert-ASN1	GPL or Artistic
	perl-Convert-ASN1	GPL+ or Artistic starting 6.0
perl-Crypt-SSLeay	perl-Crypt-SSLeay	distributable
	perl-Crypt-SSLeay	GPL or Artistic starting 5.0
	perl-Crypt-SSLeay	GPL+ or Artistic starting 6.0
perl-Date-Calc	perl-Date-Calc	distributable
	perl-Date-Calc	GPL or Artistic starting 5.0
	perl-Date-Calc	GPL+ or Artistic starting 6.0
perl-DateManip	perl-DateManip	distributable
	perl-DateManip	GPL or Artistic starting 5.0
perl-DBI	perl-DBI	Artistic
	perl-DBI	GPL or Artistic starting 5.0
	perl-DBI	GPL+ or Artistic starting 6.0
perl-Digest-HMAC	perl-Digest-HMAC	distributable

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	perl-Digest-HMAC	GPL or Artistic starting 5.0
	perl-Digest-HMAC	GPL+ or Artistic starting 6.0
perl-Digest-SHA1	perl-Digest-SHA1	distributable
	perl-Digest-SHA1	GPL or Artistic starting 5.0
	perl-Digest-SHA1	GPL+ or Artistic starting 6.0
perl-HTML-Parser	perl-HTML-Parser	GPL or Artistic
	perl-HTML-Parser	GPL+ or Artistic starting 6.0
perl-HTML-Tagset	perl-HTML-Tagset	distributable
	perl-HTML-Tagset	Artistic or GPL starting 5.0
	perl-HTML-Tagset	GPL+ or Artistic starting 6.0
perl-LDAP	perl-LDAP	GPL or Artistic
	perl-LDAP	GPL+ or Artistic starting 6.0
perl-libwww-perl	perl-libwww-perl	GPL or Artistic
	perl-libwww-perl	GPL+ or Artistic starting 6.0
perl-libxml-perl	perl-libxml-perl	distributable
	perl-libxml-perl	GPL or Artistic starting 5.0
	perl-libxml-perl	GPL+ or Artistic starting 6.0
perl-Net-DNS	perl-Net-DNS	Distributable
	perl-Net-DNS	GPL or Artistic starting 5.0
	perl-Net-DNS	GPL+ or Artistic starting 6.0
	perl-Net-DNS-Nameserver	
perl-Parse-Yapp	perl-Parse-Yapp	distributable
	perl-Parse-Yapp	GPL+ or Artistic starting 6.0
perl-Time-HiRes	perl-Time-HiRes	distributable
perl-URI	perl-URI	distributable
	perl-URI	GPL or Artistic starting 5.0
	perl-URI	GPL+ or Artistic starting 6.0
perl-XML-Dumper	perl-XML-Dumper	GPL
	perl-XML-Dumper	GPL or Artistic starting 5.0
	perl-XML-Dumper	GPL+ or Artistic starting 6.0
perl-XML-Grove	perl-XML-Grove	distributable
	perl-XML-Grove	Artistic starting 5.0
	perl-XML-Grove	GPL+ or Artistic starting 6.0
perl-XML-LibXML	perl-XML-LibXML	GPL or Artistic
	perl-XML-LibXML	GPL+ or Artistic starting 6.0
perl-XML-NamespaceSupport	perl-XML-NamespaceSupport	distributable
	perl-XML-NamespaceSupport	GPL or Artistic starting 5.0
	perl-XML-NamespaceSupport	GPL+ or Artistic starting 6.0
perl-XML-Parser	perl-XML-Parser	distributable

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	perl-XML-Parser	GPL or Artistic starting 5.0
	perl-XML-Parser	GPL+ or Artistic starting 6.0
perl-XML-SAX	perl-XML-SAX	GPL or Artistic
	perl-XML-SAX	GPL+ or Artistic starting 6.0
perl-XML-Twig	perl-XML-Twig	distributable
	perl-XML-Twig	GPL or Artistic starting 5.0
	perl-XML-Twig	GPL+ or Artistic starting 6.0
php	php	The PHP License
	php-devel	The PHP License v3.01 starting 5.0
	php-domxml	PHP starting 6.0
	php-gd	
	php-imap	
	php-ldap	
	php-mbstring	
	php-mysql	
	php-ncurses	
	php-odbc	
	php-pear	
	php-pgsql	
	php-snmp	
	php-xmlrpc	
	php	
	php-bcmath	
	php-cli	
	php-common	
	php-dba	
	php-devel	
	php-gd	
	php-imap	
	php-ldap	
	php-mbstring	
	php-mysql	
	php-ncurses	
	php-odbc	
	php-pdo	
	php-pgsql	
	php-snmp	
	php-soap	
	php-xml	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	php-xmlrpc	
	php	
	php-bcmath	
	php-cli	
	php-common	
	php-dba	
	php-devel	
	php-embedded	
	php-enchant	
	php-gd	
	php-imap	
	php-intl	
	php-ldap	
	php-mbstring	
	php-mysql	
	php-odbc	
	php-pdo	
	php-pgsql	
	php-process	
	php-pspell	
	php-recode	
	php-snmp	
	php-soap	
	php-tidy	
	php-xml	
	php-xmlrpc	
	php-zts	
pinfo	pinfo	GPL
	pinfo	GPLv2 starting 6.0
pkgconfig	pkgconfig	GPL
	pkgconfig	GPLv2+ starting 6.0
policycoreutils	policycoreutils	GPL
	policycoreutils-gui	GPLv2+ starting 6.0
	policycoreutils-newrole	
	policycoreutils	
	policycoreutils-gui	
	policycoreutils-newrole	
	policycoreutils-python	
	policycoreutils-sandbox	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
postfix	postfix postfix-pflogsumm postfix-perl-scripts	IBM Public License
prelink	prelink prelink	GPL GPLv2+ starting 6.0
procps	procps procps procps-devel	GPL GPLv2+ and LGPLv2+ starting 6.0
psacct	psacct psacct	GPL GPLv2+ and Public Domain starting 6.0
psmisc	psmisc psmisc	BSD/GPL GPLv2+ starting 6.0
pygtk2	pygtk2 pygtk2-devel pygtk2-libglade pygtk2-codegen pygtk2 pygtk2-codegen pygtk2-devel pygtk2-doc pygtk2-libglade	LGPL LGPLv2+ starting 6.0
pyorbit	pyorbit pyorbit-devel pyorbit pyorbit-devel	LGPL LGPLv2+ starting 6.0
python	python python-devel python-docs python-tools tkinter python-libs python python-devel python-libs python-test python-tools tkinter	PSF - see LICENSE Python starting 6.0
python-urlgrabber	python-urlgrabber	LGPL

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	python-urlgrabber	LGPLv2+ starting 5.3
pyxf86config	pyxf86config	GPL
	pyxf86config	GPLv2 starting 6.0
qt	qt	GPL/QPL
	qt-config	(LGPLv2 with exceptions or GPLv3 with exceptions) and ASL 2.0 and BSD and FLT and MIT starting 6.0
	qt-designer	
	qt-devel	
	qt-MySQL	
	qt-ODBC	
	qt-PostgreSQL	
	qt-devel-docs	
	phonon-backend-gstreamer	
	qt	
	qt-demos	
	qt-devel	
	qt-doc	
	qt-examples	
	qt-mysql	
	qt-odbc	
	qt-postgresql	
	qt-sqlite	
	qt-x11	
quota	quota	BSD
	quota	BSD and GPLv2+ starting 6.0
	quota-devel	
rcs	rcs	GPL
	rcs	GPLv2+ starting 6.0
	rcs-docs	
readline	readline	GPL
	readline-devel	GPLv3+ starting 6.0
	readline	
	readline-devel	
	readline-static	
redhat-menus	redhat-menus	XFree86
	redhat-menus	GPLv2+ starting 6.0
redhat-rpm-config	redhat-rpm-config	GPL
	redhat-rpm-config	GPL+ starting 6.0

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
rootfiles	rootfiles	Public Domain
rpm	popt	GPL
	rpm	GPLv2+ starting 5.3
	rpm-build	
	rpm-devel	
	rpm-libs	
	rpm-python	
	popt	
	popt	
	rpm	
	rpm-apidocs	
	rpm-build	
	rpm-devel	
	rpm-devel	
	rpm-libs	
	rpm-libs	
	rpm-python	
	rpm-cron	
rsync	rsync	GPL
	rsync	GPLv3+ starting 6.0
screen	screen	GPL2
	screen	GPLv2+ starting 6.0
sed	sed	GPL
	sed	GPLv2+ starting 6.0
setools	setools	GPL
	setools-gui	GPLv2 starting 6.0
	setools-devel	
	setools	
	setools-console	
	setools-devel	
	setools-gui	
	setools-libs	
	setools-libs-java	
	setools-libs-python	
	setools-libs-tcl	
setserial	setserial	GPL
	setserial	GPL+ starting 6.0
setup	setup	public domain
	setup	Public Domain starting 6.0

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
setuptool	setuptool	GPL
	setuptool	GPLv2+ starting 6.0
sgml-common	sgml-common	GPL
	xml-common	GPL+ starting 6.0
	sgml-common	
	xml-common	
shadow-utils	shadow-utils	BSD
	shadow-utils	BSD and GPLv2+ starting 6.0
shared-mime-info	shared-mime-info	GPL
	shared-mime-info	GPLv2+ starting 6.0
slang	slang	GPL
	slang-devel	GPLv2+ starting 6.0
	slang	
	slang-devel	
	slang-slsh	
	slang-static	
speex	speex	BSD
	speex-devel	
	speex-tools	
sqlite	sqlite	Public Domain
	sqlite-devel	
	lemon	
	sqlite-doc	
	sqlite-tcl	
startup-notification	startup-notification	LGPL
	startup-notification-devel	LGPLv2 starting 6.0
	startup-notification	
	startup-notification-devel	
strace	strace	BSD
stunnel	stunnel	GPL
	stunnel	GPLv2 starting 6.0
sudo	sudo	BSD
	sudo	ISC starting 6.0
symlinks	symlinks	distributable
	symlinks	Copyright only starting 6.0
sysfsutils	sysfsutils	GPL/LGPL
	sysfsutils-devel	GPLv2 starting 6.0
	libsysfs	LGPLv2+ starting 5.7
	libsysfs-devel	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	libsysfs	
	libsysfs-devel	
	sysfsutils	
	libsysfs	
	libsysfs-devel	
	sysfsutils	
syslinux	syslinux	GPL
	syslinux	GPLv2+ starting 6.0
	syslinux-devel	
	syslinux-extlinux	
	syslinux-perl	
	syslinux-tftpboot	
sysstat	sysstat	GPL
	sysstat	GPLv2+ starting 6.0
system-config-date	system-config-date	GPL
	system-config-date	GPLv2+ starting 6.0
systemtap	systemtap	GPL
	systemtap-runtime	GPLv2+ starting 4.7
	systemtap	GPLv2+, Public Domain starting 6.1
	systemtap-runtime	
	systemtap-testsuite	
	systemtap-client	
	systemtap-server	
	systemtap-initscript	
	systemtap-sdt-devel	
	systemtap-grapher	
	systemtap	
	systemtap-client	
	systemtap-grapher	
	systemtap-initscript	
	systemtap-runtime	
	systemtap-sdt-devel	
	systemtap-server	
	systemtap-testsuite	
	systemtap-devel	
SysVinit	SysVinit	GPL
talk	talk	BSD
	talk-server	
tar	tar	GPL

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	tar	GPLv3+ starting 6.0
tcl	tcl	BSD
	tcl-devel	TCL starting 6.0
	tcl-html	
	tcl	
	tcl-devel	
tclx	tclx	BSD
	tclx-devel	
	tclx-doc	
tcpdump	arpwatch	BSD
	libpcap	BSD with advertising starting 6.0
	tcpdump	
	libpcap-devel	
	tcpdump	
tcp_wrappers	tcp_wrappers	Distributable
	tcp_wrappers	BSD starting 6.0
	tcp_wrappers-devel	
	tcp_wrappers-libs	
tcsh	tcsh	distributable
	tcsh	BSD starting 6.0
telnet	telnet	BSD
	telnet-server	
texinfo	info	GPL
	texinfo	GPLv3+ starting 6.0
	texinfo-tex	
	info	
	texinfo	
	texinfo-tex	
tftp	tftp	BSD
	tftp-server	
time	time	GPL
	time	GPLv2+ starting 6.0
tk	tk	BSD
	tk-devel	TCL starting 6.0
	tk	
	tk-devel	
tmpwatch	tmpwatch	GPL
	tmpwatch	GPLv2 starting 6.0
traceroute	traceroute	BSD

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	traceroute	GPL starting 5.0
	traceroute	GPLv2+ starting 6.0
tzdata	tzdata	GPL
	tzdata-java	Public Domain starting 6.0
	tzdata	
	tzdata-java	
udev	udev	GPL
	libvolume_id	GPLv2 starting 6.0
	libvolume_id-devel	
	libgudev1	
	libgudev1-devel	
	libudev	
	libudev-devel	
	udev	
unix2dos	unix2dos	distributable
	unix2dos	BSD starting 6.0
unzip	unzip	BSD
usbutils	usbutils	GPL
	usbutils	GPLv2+ starting 6.0
usermode	usermode	GPL
	usermode-gtk	GPLv2+ starting 6.0
	usermode	
	usermode-gtk	
valgrind	valgrind	GPL
	valgrind-devel	GPLv2 starting 6.0
	valgrind	
	valgrind-devel	
	valgrind-openmpi	
vconfig	vconfig	LGPL
	vconfig	GPL starting 5.0
	vconfig	GPLv2+ starting 6.0
vim	vim-common	freeware
	vim-enhanced	Vim starting 4.8
	vim-minimal	Vim and GPLv2+ and BSD and LGPLv2+ and Open Publication starting 6.0
	vim-X11	
	vim-common	
	vim-enhanced	
	vim-minimal	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	vim-X11	
	vim-common	
	vim-enhanced	
	vim-minimal	
	vim-X11	
vlock	vlock	GPL
	vlock	GPLv2+ starting 6.0
vsftpd	vsftpd	GPL
	vsftpd	GPLv2 with exceptions starting 6.0
vte	vte	LGPL
	vte-devel	LGPLv2+ starting 6.0
	vte	
	vte-devel	
wget	wget	GPL
	wget	GPLv3+ and GFDL starting 6.0
which	which	GPL
	which	GPLv3 starting 6.0
words	words	public domain
	words	Public Domain starting 6.0
xinetd	xinetd	Distributable (BSD-like)
	xinetd	xinetd starting 6.0
ypbind	ypbind	GPL
	ypbind	GPLv2 starting 6.0
yp-tools	yp-tools	GPL
	yp-tools	GPLv2 starting 6.0
yum	yum	GPL
	yum-updatesd	GPLv2+ starting 5.2
	yum	
	yum-cron	
zip	zip	distributable
	zip	BSD starting 6.0
zlib	zlib	BSD
	zlib-devel	zlib and Boost starting 6.0
	minizip	
	minizip-devel	
	zlib	
	zlib-devel	
	zlib-static	
wireshark	wireshark	GPL

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	wireshark-gnome	GPL+ starting 6.0
	wireshark	
	wireshark-devel	
	wireshark-gnome	
perl-Archive-Tar	perl-Archive-Tar	GPL or Artistic
perl-IO-String	perl-IO-String	GPL or Artistic
	perl-IO-String	GPL+ or Artistic starting 6.0
perl-IO-Zlib	perl-IO-Zlib	GPL or Artistic
perl-TimeDate	perl-TimeDate	GPL or Artistic
	perl-TimeDate	GPL+ or Artistic starting 6.0
sos	sos	GPL
	sos	GPLv2+ starting 6.0
libsmi	libsmi	BSD
	libsmi-devel	BSD and GPLv2+ starting 6.0
	libsmi	
	libsmi-devel	
nspr	nspr	MPL/GPL/LGPL
	nspr-devel	MPLv1.1 or GPLv2+ or LGPLv2+ starting 5.6
	nspr	MPLv2.0 starting 5.9
	nspr-devel	
	nspr	
	nspr-devel	
nss	nss	MPL/GPL/LGPL
	nss-devel	MPLv1.1 or GPLv2+ or LGPLv2+ starting 5.6
	nss-tools	
	nss-pkcs11-devel	
	nss	
	nss-devel	
	nss-pkcs11-devel	
	nss-tools	
	nss-sysinit	
avahi	avahi	LGPL
	avahi-compat-howl	LGPLv2 starting 6.0
	avahi-compat-howl-devel	
	avahi-compat-libdns_sd	
	avahi-compat-libdns_sd-devel	
	avahi-devel	
	avahi-glib	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	avahi-glib-devel	
	avahi-qt3	
	avahi-qt3-devel	
	avahi-tools	
	avahi	
	avahi-autoipd	
	avahi-compat-howl	
	avahi-compat-howl-devel	
	avahi-compat-libdns_sd	
	avahi-compat-libdns_sd-devel	
	avahi-devel	
	avahi-dnsconfd	
	avahi-glib	
	avahi-glib-devel	
	avahi-gobject	
	avahi-gobject-devel	
	avahi-libs	
	avahi-qt3	
	avahi-qt3-devel	
	avahi-qt4	
	avahi-qt4-devel	
	avahi-tools	
	avahi-ui	
	avahi-ui-devel	
	avahi-ui-tools	
cairo	cairo	LGPL/MPL
	cairo-devel	LGPLv2 or MPLv1.1 starting 6.0
	cairo	
	cairo-devel	
cpuspeed	cpuspeed	GPL
	cpuspeed	GPLv2+ starting 6.0
createrepo	createrepo	GPL
	createrepo	GPLv2 starting 5.2
cryptsetup-luks	cryptsetup-luks	GPL
	cryptsetup-luks-devel	GPLv2 starting 6.0
	cryptsetup-luks	
	cryptsetup-luks-devel	
	cryptsetup-luks-libs	
dbus-glib	dbus-glib	AFL/GPL

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	dbus-glib-devel	AFL and GPLv2+ starting 6.0
	dbus-glib	
	dbus-glib-devel	
dbus-python	dbus-python	AFL/GPL
	dbus-python	MIT starting 6.0
	dbus-python-devel	
dmidecode	dmidecode	GPL
	dmidecode	GPLv2+ starting 5.4
eclipse	eclipse-ecj	EPL
	eclipse-jdt	
	eclipse-jdt-sdk	
	eclipse-pde	
	eclipse-pde-runtime	
	eclipse-pde-sdk	
	eclipse-platform	
	eclipse-platform-sdk	
	eclipse-rcp	
	eclipse-rcp-sdk	
	eclipse-sdk	
	libswt3-gtk2	
	eclipse-swt	
giflib	giflib	MIT
	giflib-devel	
	giflib-utils	
gnome-menus	gnome-menus	LGPL
	gnome-menus-devel	LGPLv2+ starting 6.0
	gnome-menus	
	gnome-menus-devel	
hardlink	hardlink	GPL
	hardlink	GPLv2+ starting 6.0
icu	icu	X License
	libicu	MIT and UCD and Public Domain starting 6.0
	libicu-devel	
	libicu-doc	
	icu	
	libicu	
	libicu-devel	
	libicu-doc	
imake	imake	MIT/X11

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
ipvsadm	ipvsadm	GPL
	ipvsadm	GPLv2+ starting 6.0
irqbalance	irqbalance	GPL/OSL
	irqbalance	GPLv2 starting 6.0
iso-codes	iso-codes	LGPL
	iso-codes-devel	LGPLv2+ starting 6.0
	iso-codes	
	iso-codes-devel	
kexec-tools	kexec-tools	GPL
	kexec-tools	GPLv2 starting 6.0
ksh	ksh	Common Public License Version 1.0
	ksh	CPL starting 6.0
lcms	lcms	LGPL
	lcms-devel	MIT starting 6.0
	python-lcms	
	lcms	
	lcms-devel	
	lcms-libs	
	python-lcms	
libdaemon	libdaemon	GPL
	libdaemon-devel	LGPLv2+ starting 6.0
	libdaemon	
	libdaemon-devel	
libdmx	libdmx	MIT/X11
	libdmx-devel	
libdrm	libdrm	MIT/X11
	libdrm-devel	
libevent	libevent	BSD
	libevent-devel	
	libevent-doc	
	libevent-headers	
libfontenc	libfontenc	MIT/X11
	libfontenc-devel	
libICE	libICE	MIT/X11
	libICE-devel	
libnl	libnl	LGPL
	libnl-devel	LGPLv2 starting 6.0
	libnl	
	libnl-devel	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
libnotify	libnotify libnotify-devel libnotify libnotify-devel	LGPL LGPLv2+ starting 6.0
libsemanage	libsemanage libsemanage-devel libsemanage libsemanage-devel libsemanage-python libsemanage-static	GPL LGPLv2+ starting 6.0
libSM	libSM libSM-devel	MIT/X11
libutempter	libutempter libutempter-devel libutempter libutempter-devel	LGPL LGPLv2 starting 6.0
libvirt	libvirt libvirt-devel libvirt-python libvirt libvirt-devel libvirt-python libvirt-client libvirt-lock-sanlock	LGPL LGPLv2+ starting 5.4
libX11	libX11 libX11-devel libX11-common	MIT/X11
libXau	libXau libXau-devel	MIT/X11
libXcomposite	libXcomposite libXcomposite-devel	MIT/X11
libXcursor	libXcursor libXcursor-devel	MIT/X11
libXdamage	libXdamage libXdamage-devel	MIT/X11
libXdmcp	libXdmcp libXdmcp-devel	MIT/X11
libXext	libXext libXext-devel	MIT/X11

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
libXfixes	libXfixes libXfixes-devel	MIT/X11
libXfont	libXfont libXfont-devel	MIT/X11
libXft	libXft libXft-devel	MIT/X11
libXi	libXi libXi-devel	MIT/X11
libXinerama	libXinerama libXinerama-devel	MIT/X11
libxkbfile	libxkbfile libxkbfile-devel	MIT/X11
libXmu	libXmu libXmu-devel	MIT/X11
libXrandr	libXrandr libXrandr-devel	MIT/X11
libXrender	libXrender libXrender-devel	MIT/X11
libXres	libXres libXres-devel	MIT/X11
libXt	libXt libXt-devel	MIT/X11
libXtst	libXtst libXtst-devel	MIT/X11
libXv	libXv libXv-devel	MIT/X11
libXxf86dga	libXxf86dga libXxf86dga-devel	MIT/X11
libXxf86misc	libXxf86misc libXxf86misc-devel	MIT/X11
libXxf86vm	libXxf86vm libXxf86vm-devel	MIT/X11
m2crypto	m2crypto m2crypto	BSDish MIT starting 6.0
mcstrans	mcstrans mcstrans	GPL GPL+ starting 6.0
mesa	glx-utils mesa-libGL mesa-libGL-devel	MIT/X11

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	mesa-libGLU	
	mesa-libGLU-devel	
	mesa-libGLw	
	mesa-libGLw-devel	
	mesa-libOSMesa	
	mesa-libOSMesa-devel	
	mesa-source	
	mesa-demos	
	mesa-dri-drivers	
	mesa-dri-drivers-experimental	
microcode_ctl	microcode_ctl	GPL
	microcode_ctl	GPLv2+ starting 6.0
notification-daemon	notification-daemon	GPL
	notification-daemon	GPLv2+ starting 6.0
notify-python	notify-python	LGPL
	notify-python	LGPLv2+ starting 6.0
opensp	opensp	Distributable
	opensp-devel	MIT starting 6.0
	opensp	
	opensp-devel	
openssl097a	openssl097a	BSDish
perl-Carp-Clan	perl-Carp-Clan	GPL or Artistic
	perl-Carp-Clan	GPL+ or Artistic starting 6.0
perl-IO-Socket-INET6	perl-IO-Socket-INET6	Artistic or GPL
	perl-IO-Socket-INET6	GPL+ or Artistic starting 6.0
perl-IO-Socket-SSL	perl-IO-Socket-SSL	GPL or Artistic
	perl-IO-Socket-SSL	GPL+ or Artistic starting 6.0
perl-Net-IP	perl-Net-IP	GPL or Artistic
	perl-Net-IP	MIT and (GPL+ or Artistic) starting 6.0
perl-Net-SSLeay	perl-Net-SSLeay	BSDish
	perl-Net-SSLeay	OpenSSL starting 6.0
perl-Net-Telnet	perl-Net-Telnet	GPL or Artistic
	perl-Net-Telnet	GPL+ or Artistic starting 6.0
perl-Socket6	perl-Socket6	BSD
perl-String-CRC32	perl-String-CRC32	Public Domain
perl-XML-Simple	perl-XML-Simple	GPL or Artistic
	perl-XML-Simple	GPL+ or Artistic starting 6.0
php-pear	php-pear	The PHP License 3.0
	php-pear	BSD and PHP and LGPLv2+

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
		starting 6.0
pm-utils	pm-utils	GPL
	pm-utils	GPLv2 starting 6.0
	pm-utils-devel	
pycairo	pycairo	LGPL
	pycairo-devel	MPLv1.1 or LGPLv2 starting 6.0
	pycairo	
	pycairo-devel	
pygobject2	pygobject2	LGPL
	pygobject2-devel	LGPLv2+ starting 6.0
	pygobject2-doc	
	pygobject2	
	pygobject2-codegen	
	pygobject2-devel	
	pygobject2-doc	
python-virtinst	python-virtinst	GPL
	python-virtinst	GPLv2+ starting 5.2
readahead	readahead	GPL/OSL
	readahead	GPLv2+ starting 6.0
selinux-policy	selinux-policy	GPL
	selinux-policy-devel	GPLv2+ starting 6.0
	selinux-policy-mls	
	selinux-policy-strict	
	selinux-policy-targeted	
	selinux-policy-minimum	
	selinux-policy	
	selinux-policy-doc	
	selinux-policy-minimum	
	selinux-policy-mls	
	selinux-policy-targeted	
smartmontools	smartmontools	GPL
	smartmontools	GPLv2+ starting 6.0
squashfs-tools	squashfs-tools	GPL
	squashfs-tools	GPLv2+ starting 6.0
x86info	x86info	GPL
	x86info	GPLv2+ starting 6.0
xkeyboard-config	xkeyboard-config	MIT
xorg-x11-drv-ati	xorg-x11-drv-ati	MIT/X11
	xorg-x11-drv-ati-firmware	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
xorg-x11-drv-evdev	xorg-x11-drv-evdev	MIT/X11
	xorg-x11-drv-evdev-devel	
xorg-x11-drv-keyboard	xorg-x11-drv-keyboard	MIT/X11
xorg-x11-drv-mouse	xorg-x11-drv-mouse	MIT/X11
xorg-x11-drv-vesa	xorg-x11-drv-vesa	MIT/X11
xorg-x11-drv-void	xorg-x11-drv-void	MIT/X11
xorg-x11-font-utils	xorg-x11-font-utils	MIT/X11
	bdftruncate	
xorg-x11-server	xorg-x11-server-sdk	MIT/X11
	xorg-x11-server-Xdmx	
	xorg-x11-server-Xephyr	
	xorg-x11-server-Xnest	
	xorg-x11-server-Xorg	
	xorg-x11-server-Xvfb	
	xorg-x11-server-randr-source	
	xorg-x11-server-Xvnc-source	
	xorg-x11-server-common	
	xorg-x11-server-devel	
	xorg-x11-server-source	
xorg-x11-server-utils	xorg-x11-server-utils	MIT/X11
xorg-x11-xauth	xorg-x11-xauth	MIT/X11
xorg-x11-xkb-utils	xorg-x11-xkb-utils	MIT/X11
	xorg-x11-xkb-extras	
yum-metadata-parser	yum-metadata-parser	GPL
	yum-metadata-parser	GPLv2 starting 5.2
dnsmasq	dnsmasq	GPL
	dnsmasq	GPLv2 or GPLv3 starting 6.0
	dnsmasq-utils	
watchdog	watchdog	GPL
	watchdog	GPL+ starting 5.4
yum-utils	yum-changelog	GPL
	yum-downloadonly	GPLv2+ starting 5.3
	yum-kmod	
	yum-protectbase	
	yum-security	
	yum-skip-broken	
	yum-updateonboot	
	yum-utils	
	yum-versionlock	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	yum-aliases	
	yum-basearchonly	
	yum-filter-data	
	yum-list-data	
	yum-protect-packages	
	yum-aliases	
	yum-changelog	
	yum-downloadonly	
	yum-fastestmirror	
	yum-filter-data	
	yum-keys	
	yum-kmod	
	yum-list-data	
	yum-NetworkManager-dispatcher	
	yum-protectbase	
	yum-protect-packages	
	yum-security	
	yum-tmprepo	
	yum-updateonboot	
	yum-utils	
	yum-verify	
	yum-versionlock	
	yum-plugin-aliases	
	yum-plugin-auto-update-debug-info	
	yum-plugin-changelog	
	yum-plugin-downloadonly	
	yum-plugin-fastestmirror	
	yum-plugin-filter-data	
	yum-plugin-fs-snapshot	
	yum-plugin-keys	
	yum-plugin-list-data	
	yum-plugin-local	
	yum-plugin-merge-conf	
	yum-plugin-post-transaction-actions	
	yum-plugin-priorities	
	yum-plugin-protectbase	
	yum-plugin-protect-packages	
	yum-plugin-remove-with-leaves	
	yum-plugin-rpm-warm-cache	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	yum-plugin-security	
	yum-plugin-show-leaves	
	yum-plugin-tmprepo	
	yum-plugin-tsflags	
	yum-plugin-upgrade-helper	
	yum-plugin-verify	
	yum-plugin-versionlock	
	yum-priorities	
	yum-plugin-ps	
python-iniparse	python-iniparse	MIT
rsyslog	rsyslog	GPLv2+
	rsyslog-mysql	GPLv3+ starting 5.5
	rsyslog	(GPLv3+ and ASL 2.0) starting 6.3
	rsyslog-gnutls	
	rsyslog-gssapi	
	rsyslog-mysql	
	rsyslog-pgsql	
	rsyslog-relp	
	rsyslog-snmp	
	rsyslog	
	rsyslog-gnutls	
	rsyslog-gssapi	
	rsyslog-mysql	
	rsyslog-pgsql	
	rsyslog-relp	
	rsyslog-snmp	
fipscheck	fipscheck	BSD
	fipscheck	
	fipscheck-devel	
	fipscheck-devel	
	fipscheck-lib	
java-1.6.0-openjdk	java-1.6.0-openjdk	GPLv2 with exceptions
	java-1.6.0-openjdk-demo	ASL 1.1, ASL 2.0, GPL+, GPLv2, GPLv2 with exceptions, LGPL+, LGPLv2, MPLv1.0, MPLv1.1, Public Domain, W3C starting 5.6
	java-1.6.0-openjdk-devel	
	java-1.6.0-openjdk-javadoc	
	java-1.6.0-openjdk-src	
	java-1.6.0-openjdk	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	java-1.6.0-openjdk-demo	
	java-1.6.0-openjdk-devel	
	java-1.6.0-openjdk-javadoc	
	java-1.6.0-openjdk-src	
	java-1.6.0-openjdk-plugin	
perl-Archive-Zip	perl-Archive-Zip	GPL or Artistic
	perl-Archive-Zip	GPL+ or Artistic starting 6.0
sgpio	sgpio	GPLv2+
celt051	celt051	BSD
	celt051-devel	
fuse	fuse	GPL+
	fuse-devel	
	fuse-libs	
gnupg2	gnupg2	GPLv3+
	gnupg2-smime	
libpciaccess	libpciaccess	MIT
	libpciaccess-devel	
log4cpp	log4cpp	LGPLv2+
	log4cpp-devel	
	log4cpp-docs	
perl-Sys-Virt	perl-Sys-Virt	GPLv2+ or Artistic
pinentry	pinentry	GPLv2+
	pinentry-gtk	
	pinentry-qt	
	pinentry-qt4	
pth	pth	LGPLv2+
	pth-devel	
gpxe	gpxe-roms-qemu	GPLv2 and BSD
	gpxe-bootimgs	
tunctl	tunctl	GPL+
xz	xz	LGPLv2+
	xz-devel	
	xz-devel	
	xz-libs	
	xz-libs	
	xz-lzma-compat	
ebtables	ebtables	GPLv2+
libtdb	libtdb	LGPLv3+
	libtdb-devel	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	tdb-tools	
	python-tdb	
python-pycurl	python-pycurl	LGPL
	python-pycurl	LGPLv2+ or MIT starting 6.0
ql2xxx-firmware	ql2xxx-firmware	Redistributable, no modification permitted
bwidget	bwidget	TCL
ca-certificates	ca-certificates	Public Domain
cairo-spice	cairo-spice	LGPLv2 or MPLv1.1
	cairo-spice-devel	
chrpath	chrpath	GPL+
cloog	cloog-ppl	GPLv2+
	cloog-ppl-devel	
compat-libcap1	compat-libcap1	BSD-like and LGPL
ConsoleKit	ConsoleKit	GPLv2+
	ConsoleKit-devel	
	ConsoleKit-docs	
	ConsoleKit-libs	
	ConsoleKit-x11	
cronie	cronie	MIT and BSD and ISC and GPLv2
	cronie-anacron	
	cronie-noanacron	
dash	dash	BSD
deltarpm	deltaiso	BSD
	deltarpm	
	drpmsync	
	python-deltarpm	
DeviceKit-power	DeviceKit-power	GPLv2+
	DeviceKit-power-devel	
	DeviceKit-power-devel-docs	
dmz-cursor-themes	dmz-cursor-themes	CC-BY-SA
eggdbus	eggdbus	LGPLv2
	eggdbus-devel	
ffmpeg-spice	ffmpeg-spice-devel	GPLv2+
	ffmpeg-spice-libs	
gnome-packagekit	gnome-packagekit	GPLv2+
	gnome-packagekit-extra	
gpgme	gpgme	LGPLv2+
	gpgme-devel	
grubby	grubby	GPLv2+

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
hal-info	hal-info	AFL or GPLv2
ipmitool	ipmitool	BSD
isomd5sum	isomd5sum isomd5sum-devel	GPLv2+
jasper	jasper jasper-devel jasper-libs jasper-utils	JasPer
jline	jline	BSD
libarchive	libarchive libarchive-devel	BSD
libasyncns	libasyncns libasyncns-devel	LGPLv2+
libcap-ng	libcap-ng libcap-ng-devel libcap-ng-python libcap-ng-utils	LGPLv2+
libcgroup	libcgroup libcgroup-devel libcgroup-pam	LGPLv2+
libedit	libedit libedit-devel	BSD
libffi	libffi libffi-devel	BSD
libgssglue	libgssglue libgssglue-devel	GPL+
libnih	libnih libnih-devel	GPLv2
libpcap	libpcap libpcap-devel	BSD with advertising
libproxy	libproxy libproxy-bin libproxy-devel libproxy-gnome libproxy-kde libproxy-mozjs libproxy-python libproxy-webkit	LGPLv2+
libsamplerate	libsamplerate	GPLv2+

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	libsamplerate-devel	
libsndfile	libsndfile libsndfile-devel	LGPLv2+ and GPLv2+ and BSD
libssh2	libssh2 libssh2-devel libssh2-docs	BSD
libtasn1	libtasn1 libtasn1-devel libtasn1-tools	GPLv3+ and LGPLv2+
libthai	libthai libthai-devel	LGPLv2+
libtirpc	libtirpc libtirpc-devel	SISSL and BSD
libusb1	libusb1 libusb1-devel libusb1-static	LGPLv2+
libxcb	libxcb libxcb-devel libxcb-doc libxcb-python	MIT
lua	lua lua-devel lua-static	MIT
lzo	lzo lzo-devel lzo-minilzo	GPLv2+
mcpp	libmcpp libmcpp-devel mcpp mcpp-doc	BSD
mpfr	mpfr mpfr-devel	LGPLv2+ and GPLv2+ and GFDL
nss-pam-ldapd	nss-pam-ldapd	LGPLv2+
nss-softokn	nss-softokn nss-softokn-devel nss-softokn-freebl nss-softokn-freebl-devel	MPLv1.1 or GPLv2+ or LGPLv2+

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
nss-util	nss-util nss-util-devel	MPLv1.1 or GPLv2+ or LGPLv2+
PackageKit	PackageKit PackageKit-backend-devel PackageKit-browser-plugin PackageKit-command-not-found PackageKit-cron PackageKit-debug-install PackageKit-device-rebind PackageKit-docs PackageKit-glib PackageKit-glib-devel PackageKit-gstreamer-plugin PackageKit-gtk-module PackageKit-qt PackageKit-qt-devel PackageKit-yum PackageKit-yum-plugin	GPLv2+
pakchois	pakchois pakchois-devel	LGPLv2+
pam_ldap	pam_ldap	LGPLv2+
perl-Algorithm-Diff	perl-Algorithm-Diff	GPL+ or Artistic
perl-AppConfig	perl-AppConfig	GPL+ or Artistic
perl-Authen-SASL	perl-Authen-SASL	GPL+ or Artistic
perl-Class-Data-Inheritable	perl-Class-Data-Inheritable	GPL+ or Artistic
perl-Class-Inspector	perl-Class-Inspector	GPL+ or Artistic
perl-Class-Singleton	perl-Class-Singleton	GPL+ or Artistic
perl-Convert-BinHex	perl-Convert-BinHex	GPL+ or Artistic
perl-Crypt-OpenSSL-Bignum	perl-Crypt-OpenSSL-Bignum	GPL+ or Artistic
perl-Crypt-OpenSSL-Random	perl-Crypt-OpenSSL-Random	GPL+ or Artistic
perl-Crypt-OpenSSL-RSA	perl-Crypt-OpenSSL-RSA	GPL+ or Artistic
perl-Crypt-PasswdMD5	perl-Crypt-PasswdMD5	GPL+ or Artistic
perl-Data-OptList	perl-Data-OptList	GPL+ or Artistic
perl-Date-Manip	perl-Date-Manip	GPL+ or Artistic

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
perl-DateTime	perl-DateTime	GPL+ or Artistic
perl-DateTime-Format-W3CDTF	perl-DateTime-Format-W3CDTF	GPL+ or Artistic
perl-Devel-Cover	perl-Devel-Cover	GPL+ or Artistic
perl-Devel-StackTrace	perl-Devel-StackTrace	GPL+ or Artistic
perl-Devel-Symdump	perl-Devel-Symdump	GPL+ or Artistic
perl-Email-Date-Format	perl-Email-Date-Format	GPL+ or Artistic
perl-Exception-Class	perl-Exception-Class	GPL+ or Artistic
perl-File-Find-Rule	perl-File-Find-Rule	GPL+ or Artistic
perl-File-HomeDir	perl-File-HomeDir	GPL+ or Artistic
perl-File-Remove	perl-File-Remove	GPL+ or Artistic
perl-File-Slurp	perl-File-Slurp	GPL+ or Artistic
perl-File-Which	perl-File-Which	GPL+ or Artistic
perl-GSSAPI	perl-GSSAPI	GPL+ or Artistic
perl-Hook-LexWrap	perl-Hook-LexWrap	GPL+ or Artistic
perl-IO-stringy	perl-IO-stringy	GPL+ or Artistic
perl-IPC-Run3	perl-IPC-Run3	(GPL+ or Artistic) or BSD
perl-JSON	perl-JSON	GPL+ or Artistic
perl-List-MoreUtils	perl-List-MoreUtils	GPL+ or Artistic
perl-MailTools	perl-MailTools	GPL+ or Artistic
perl-MIME-Lite	perl-MIME-Lite	GPL+ or Artistic
perl-MIME-tools	perl-MIME-tools	GPL+ or Artistic
perl-MIME-Types	perl-MIME-Types	GPL+ or Artistic
perl-Module-Install	perl-Module-Install	GPL+ or Artistic
perl-Module-ScanDeps	perl-Module-ScanDeps	GPL+ or Artistic
perl-NetAddr-IP	perl-NetAddr-IP	Artistic 2.0
perl-Net-Jabber	perl-Net-Jabber	(GPL+ or Artistic) or LGPLv2+
perl-Net-LibIDN	perl-Net-LibIDN	GPL+ or Artistic
perl-Net-SMTP-SSL	perl-Net-SMTP-SSL	GPL+ or Artistic
perl-Net-XMPP	perl-Net-XMPP	(GPL+ or Artistic) or LGPLv2+
perl-Newt	perl-Newt	GPL+ or Artistic
perl-Number-Compare	perl-Number-Compare	GPL+ or Artistic
perl-Params-Util	perl-Params-Util	GPL+ or Artistic
perl-Params-Validate	perl-Params-Validate	GPL+ or Artistic
perl-PAR-Dist	perl-PAR-Dist	GPL+ or Artistic

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
perl-Pod-Coverage	perl-Pod-Coverage	GPL+ or Artistic
perl-Pod-POM	perl-Pod-POM	GPL+ or Artistic
perl-Probe-Perl	perl-Probe-Perl	GPL+ or Artistic
perl-Readonly	perl-Readonly	GPL+ or Artistic
perl-Readonly-XS	perl-Readonly-XS	GPL+ or Artistic
perl-SOAP-Lite	perl-SOAP-Lite	GPL+ or Artistic
perl-Spiffy	perl-Spiffy	GPL+ or Artistic
perl-Sub-Exporter	perl-Sub-Exporter	GPL+ or Artistic
perl-Sub-Install	perl-Sub-Install	GPL+ or Artistic
perl-Sub-Uplevel	perl-Sub-Uplevel	GPL+ or Artistic
perl-Task-Weaken	perl-Task-Weaken	GPL+ or Artistic
perl-Template-Toolkit	perl-Template-Toolkit	GPL+ or Artistic
perl-TermReadKey	perl-TermReadKey	Copyright only
perl-Test-Base	perl-Test-Base	GPL+ or Artistic
perl-Test-Exception	perl-Test-Exception	GPL+ or Artistic
perl-Test-Output	perl-Test-Output	GPL+ or Artistic
perl-Test-Pod	perl-Test-Pod	GPL+ or Artistic
perl-Test-Tester	perl-Test-Tester	Artistic clarified
perl-TeX-Hyphen	perl-TeX-Hyphen	GPL+ or Artistic
perl-Text-Autoformat	perl-Text-Autoformat	GPL+ or Artistic
perl-Text-Diff	perl-Text-Diff	GPL+ or Artistic
perl-Text-Glob	perl-Text-Glob	GPL+ or Artistic
perl-Text-Iconv	perl-Text-Iconv	GPL+ or Artistic
perl-Text-Reform	perl-Text-Reform	GPL+ or Artistic
perl-Text-Unidecode	perl-Text-Unidecode	GPL+ or Artistic
perl-Time-modules	perl-Time-modules	Copyright only and Public Domain
perl-Tree-DAG_Node	perl-Tree-DAG_Node	GPL+ or Artistic
perl-WWW-Curl	perl-WWW-Curl	MPLv1.1 or MIT
perl-XML-DOM	perl-XML-DOM	GPL+ or Artistic
perl-XML-Filter-BufferText	perl-XML-Filter-BufferText	GPL+ or Artistic
perl-XML-RegExp	perl-XML-RegExp	GPL+ or Artistic
perl-XML-SAX-Writer	perl-XML-SAX-Writer	GPL+ or Artistic
perl-XML-Stream	perl-XML-Stream	(GPL+ or Artistic) or LGPLv2+
perl-YAML	perl-YAML	GPL+ or Artistic
perl-YAML-Syck	perl-YAML-Syck	BSD and MIT and Public Domain and GPLv2+
perl-YAML-Tiny	perl-YAML-Tiny	GPL+ or Artistic
pixman	pixman	MIT

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	pixman-devel	
pixman-spice	pixman-spice	MIT
	pixman-spice-devel	
plymouth	plymouth	GPLv2+
	plymouth-core-libs	
	plymouth-devel	
	plymouth-gdm-hooks	
	plymouth-graphics-libs	
	plymouth-plugin-fade-throbber	
	plymouth-plugin-label	
	plymouth-plugin-script	
	plymouth-plugin-space-flares	
	plymouth-plugin-throbgress	
	plymouth-plugin-two-step	
	plymouth-scripts	
	plymouth-system-theme	
	plymouth-theme-fade-in	
	plymouth-theme-rings	
	plymouth-theme-script	
	plymouth-theme-solar	
	plymouth-theme-spinfinity	
	plymouth-utils	
polkit	polkit	LGPLv2+
	polkit-desktop-policy	
	polkit-devel	
	polkit-docs	
popt	popt	MIT
	popt-devel	
	popt-static	
portreserve	portreserve	GPLv2+
ppl	ppl	GPLv3+
	ppl-devel	
	ppl-docs	
	ppl-gprolog	
	ppl-gprolog-static	
	ppl-java	
	ppl-java-javadoc	
	ppl-pwl	
	ppl-pwl-devel	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	ppl-pwl-docs	
	ppl-pwl-static	
	ppl-static	
	ppl-swiprolog	
	ppl-swiprolog-static	
	ppl-utils	
	ppl-yap	
pulseaudio	pulseaudio	LGPLv2+
	pulseaudio-esound-compat	
	pulseaudio-gdm-hooks	
	pulseaudio-libs	
	pulseaudio-libs-devel	
	pulseaudio-libs-glib2	
	pulseaudio-libs-zeroconf	
	pulseaudio-module-bluetooth	
	pulseaudio-module-gconf	
	pulseaudio-module-x11	
	pulseaudio-module-zeroconf	
	pulseaudio-utils	
pygpgme	pygpgme	LGPLv2+
python-ethtool	python-ethtool	GPLv2
python-gudev	python-gudev	LGPLv3+
python-slip	python-slip	GPLv2+
	python-slip-dbus	
	python-slip-gtk	
ql2100-firmware	ql2100-firmware	Redistributable, no modification permitted
ql2200-firmware	ql2200-firmware	Redistributable, no modification permitted
ql23xx-firmware	ql23xx-firmware	Redistributable, no modification permitted
ql2400-firmware	ql2400-firmware	Redistributable, no modification permitted
ql2500-firmware	ql2500-firmware	Redistributable, no modification permitted
rarian	rarian	LGPLv2+
	rarian-compat	
	rarian-devel	
centos-indexhtml	centos-indexhtml	Distributable
rhino	rhino	GPL+ and LGPL+ and Netscape and MPLv1.0 and (MPLv1.1 or GPLv2+)
	rhino-demo	GPL+ and LGPLv2+ and Netscape and MPLv1.0 and

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
		(MPLv1.1 or GPLv2+) starting 5.7
	rhino-javadoc	
	rhino	
	rhino-javadoc	
rng-tools	rng-tools	GPLv2+
rpcbind	rpcbind	GPL
rtkit	rtkit	GPLv3+ and BSD
sound-theme-freedesktop	sound-theme-freedesktop	GPLv2+ and LGPLv2+ and CC-BY-SA and CC-BY
system-config-date-docs	system-config-date-docs	GPLv2+
system-config-firewall	system-config-firewall	GPLv2+
	system-config-firewall-base	
	system-config-firewall-tui	
system-gnome-theme	system-gnome-theme	GPLv2+
system-icon-theme	system-icon-theme	GPLv2+
system-setup-keyboard	system-setup-keyboard	MIT
unique	unique	LGPLv2+
	unique-devel	
upstart	upstart	GPLv2 and LGPLv2+
ustr	ustr	MIT or LGPLv2+ or BSD
	ustr-debug	
	ustr-debug-static	
	ustr-devel	
	ustr-static	
util-linux-ng	libblkid	GPLv1+ and GPLv2 and GPLv2+ and LGPLv2+ and MIT and BSD with advertising and Public Domain
	libblkid-devel	
	libuuid	
	libuuid-devel	
	util-linux-ng	
	uuidd	
xcb-util	xcb-util	MIT
	xcb-util-devel	
xdg-utils	xdg-utils	MIT

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
lzop	lzop	GPLv2+
perl-XML-Writer	perl-XML-Writer	MIT
qemu-kvm	qemu-img qemu-kvm qemu-kvm-tools qemu-guest-agent	GPLv2+ and LGPLv2+ and BSD
seabios	seabios	LGPLv3
spice-server	spice-server spice-server-devel spice-server spice-server-devel	GPLv2+ LGPLv2+ starting 6.1
vgabios	vgabios	LGPLv2
perl-IO-Tty	perl-IO-Tty	GPL+ or Artistic
perl-Parse-RecDescent	perl-Parse-RecDescent	GPL+ or Artistic
sgabios	sgabios sgabios-bin	ASL 2.0
gnome-doc-utils	gnome-doc-utils	GPLv2+ and LGPLv2+ and GFDL starting 6.0
libjpeg-turbo	libjpeg-turbo	wxWidgets
libogg	libogg	BSD
libpng	libpng	OSI certified zlib starting 4.6
libsamplerate	libsamplerate	GPLv2+
libxslt	libxslt	MIT
centos-release	centos-release	GPL
i2c-tools	i2c-tools i2c-tools-eepromer	GPLv2+
numad	numad	LGPLv2
usbredir	usbredir usbredir-devel usbredir-server	LGPLv2+
redhat-logos	redhat-logos	Copyright 1999-2010 Red Hat, Inc. All rights reserved.
iscsi-initiator-utils	iscsi-initiator-utils	GPLv2+
radvd	radvd	BSD with advertising
SDL	SDL	LGPLv2+

APPENDIX A - GNU General Public License, version 2 (GPL-2.0)

Preamble

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In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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