

**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
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Product	Subproduct	Licensing Description
Oracle Communications Diameter Signaling Router	Oracle Communications Diameter Signaling Router (base fee)- per Server	<p>This product provides the following base Diameter Signaling Router functionality:</p> <p>OAM – Operations, administration, measurements functionality: SNMP, event logs, security logs, configuration, topology, user/group management and reports.</p> <p>Core Routing – Core routing and processing functionality that provides application specific handling of real-time Diameter messages.</p> <p>Congestion Management – Ingress and egress, local and remote Diameter congestion control.</p> <p>Connection Management – TCP, SCTP uni- and multi-homing, IPv4-IPv6 interworking, IPSec, load balancing and capabilities exchange.</p> <p>Diameter Mediation – GUI-based Diameter mediation framework used to build mediation rules to resolve interoperability issues.</p> <p>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.</p> <p>Message Copy – Ability to copy certain Diameter Requests or Requests and Answers that transit the Diameter Signaling Router.</p> <p>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.</p> <p>Geo-redundant – The Diameter Signaling Router can be deployed with or without geo-redundancy.</p> <p>High Availability – All message processing critical components are engineered with high levels of redundancy to ensure high availability.</p> <p>Included Products:</p> <ul style="list-style-type: none"> • MySQL Enterprise Edition <p>Restriction:</p> <p>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).</p>

Product	Subproduct	Licensing Description
	Oracle Communications Diameter Signaling Router – per 100 Network-wide Messages per Second	<p>Description: Determines the maximum number of network-wide Messages per Second (MPS) allowed by Oracle Communications Diameter Signaling Router. An MPS is defined as:</p> <ol style="list-style-type: none"> 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. <p>Messages excluded from this measure are:</p> <ul style="list-style-type: none"> • 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 <p>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.</p> <p>Orderable in 100 MPS increments.</p> <p>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)</p>

Product	Subproduct	Licensing Description
	Oracle Communications Diameter Signaling Router Roaming Proxy - per Server	<p>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</p> <p>Prerequisites: A license to Oracle Communications Diameter Signaling Router (base fee) is a prerequisite to license and use Oracle Communications Diameter Signaling Router Roving 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.</p>
	Oracle Communications Diameter Signaling Router Full Address Resolution – per Server	<p>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:</p> <p>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.</p> <p>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.</p>

Product	Subproduct	Licensing Description
	Oracle Communications Diameter Signaling Router Full Address Resolution – per 25k Subscriber	<p>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.</p> <p>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.</p>
	Oracle Communications Diameter Signaling Router Policy Proxy – per Server	<p>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.</p> <p>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.</p>

Product	Subproduct	Licensing Description
	Oracle Communications Diameter Signaling Router Policy Proxy – per 5K Network-wide Concurrent Sessions	<p>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.</p> <p>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.</p> <p>Orderable in 5k session increments.</p> <p>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 Proxy per 5k Network-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.</p>
	Oracle Communications Diameter Signaling Router Off-Line Charging Server (OFCS) Proxy Base – per Server	<p>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.</p> <p>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.</p>

Product	Subproduct	Licensing Description
	Oracle Communications Diameter Signaling Router Off-Line Charging Server Proxy – per 5K Network-wide Concurrent Sessions	<p>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.</p> <p>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.</p> <p>Orderable in 5k session increments.</p> <p>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.</p>
	Oracle Communications Diameter Signaling Router, Policy Proxy II - Server Perpetual	<p>Description: This sub-product adds policy proxy features to the Oracle Communications Diameter Signaling Router Policy Proxy.</p> <p>This sub-product adds::</p> <ul style="list-style-type: none"> • 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 <p>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.</p>

Product	Subproduct	Licensing Description
	Oracle Communications Diameter Signaling Router Translation Agent Base - Server Perpetual	<p>Description: This sub-product adds MAP Diameter Interworking features to the Oracle Communications Diameter Signaling Router. For LTE-3G roaming, the DSR plays the role of the Interworking Function (IWF) to provide protocol mediation between Gr/Gr+ (3GPP MAP) and S6d (Diameter). The IWF also supports 3G-3G roaming over the S6d interface (SGSN Rel8). This capability also supports access by the MME or Rel8 SGSN over the S13 Diameter interface to an SS7 EIR DB, or vice-versa.</p> <p>Prerequisites: A license to Oracle Communications Diameter Signaling Router is a prerequisite to license and use Oracle Communications Diameter Signaling Router Translation Agent Base 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 DSR 5 Content Bundle per server DSR 5 Initial Content per server is a prerequisite to license and use Oracle Communications Diameter Signaling Router Translation Agent Base.</p>

Product	Subproduct	Licensing Description
	Oracle Communications Diameter Signaling Router, Core Routing I – Server Perpetual	<p>Description: This sub-product adds Active/Standby Peer Node Support and mediation enhancement features to the Oracle Communications Diameter Signaling Router.</p> <p>The following features are added with this sub-product:</p> <ul style="list-style-type: none"> • Active/Standby Peer Node Support • Mediation Enhancements: <ul style="list-style-type: none"> ○ Support for logical OR'ing and a mechanism to group conditions ○ Support for "optional" actions ○ Support for a combined 'set/add AVP' action ○ Support for grouped AVPs to a depth of 5 ○ Support for checking of ranges on numbers ○ Import/export of templates ○ Support for setting Message Priority and Route List in mediation. ○ Support for Discard message action ○ Support for Bit Set/Reset in conditions and actions ○ Ability to check for peers/connections in conditions ○ Special function to set Destination Realm from IMSI. ○ Support for setting "OctetString" type from the GUI. • DSR maximum message size of 60,000 bytes • PDU Pool Flexible Message Sizing • DSR NOAM/SDS 32 Node Support <p>Prerequisites: A license to Oracle Communications Diameter Signaling Router is a prerequisite to license and use Oracle Communications Diameter Signaling Router Core Routing I 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 DSR 5 Content Bundle per server DSR 5 Initial Content per server is a prerequisite to license and use Oracle Communications Diameter Signaling Router Core Routing I.</p>

Product	Subproduct	Licensing Description
	Oracle Communications Integrated Diameter Intelligence Hub - Server Perpetual	<p>Description: This product provides a troubleshooting tool for the Oracle Communications Diameter Signaling Router. This product:</p> <ul style="list-style-type: none"> • Integrates the configuration of trace filters directly into DSR • Allows trace filters to be applied against all messages processed by DSR • Allows Transaction Data Records containing both Diameter Requests and Answers to be captured for additional analysis and filtering. • Provides Ladder Diagrams to facilitate troubleshooting concerning message sequence and peer connection issues. • Supports detailed decoding of AVPs associated with the base Diameter protocol, as well as the following interfaces: Sh, Cx, Gy, Cc, S6a/d, Gx, Rx, SLg, SLh, SWm, SWx, STa, S6b, S9, Gxa <p>Prerequisites: A license to Oracle Communications Technology Foundation for Monitoring Applications is a prerequisite to license and use Oracle Communications Integrated Diameter Intelligence Hub or a license to the following products: Oracle Database Enterprise Edition Oracle Database Enterprise Edition Option: Partitioning WebLogic Server Enterprise Edition are prerequisites to license and use Oracle Communications Integrated Diameter Intelligence Hub.</p> <p>Included Products:</p> <ul style="list-style-type: none"> • MySQL Enterprise Edition <p>Restriction: MySQL Enterprise Edition is included for use as the Oracle Communications Integrated Diameter Intelligence Hub Management Repository. Use of MySQL Enterprise Edition, including without limitation MySQL Enterprise Backup, is restricted to use with Oracle Communications Integrated Diameter Intelligence Hub.</p>

Oracle Communications Diameter Signaling Router – Licensing Notes – Legacy

Product	Subproduct	Licensing Description
Oracle Communications Diameter Signaling Router	EXG DSR MPS Per Node	<p>Determines the maximum number of nodal Messages per Second (MPS) allowed by Oracle Communications Diameter Signaling Router. An MPS is defined as:</p> <ol style="list-style-type: none"> 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. <p>Messages excluded from this measure are:</p> <ul style="list-style-type: none"> • 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 <p>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.</p> <p>Orderable in MPS increments that match MPS capacity product description.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	EXG DSR IPSEC MPS Per Node	<p>Determines the maximum number of nodal Messages per Second (MPS) using IPSec encryption allowed by Oracle Communications Diameter Signaling Router.</p> <p>Orderable in MPS increments that match IPSec MPS capacity product description.</p> <p>Prerequisites:</p> <p>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.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>

	EXG DSR Connections per Node	<p>Determines the number of connections allowed by Oracle Communications Diameter Signaling Router.</p> <p>A connection is defined as an SCTP association or a TCP/IP connection.</p> <p>Orderable in increments that match product description.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	EXG DSR ADDL Routing Pkg 1	<p>Enables the capability per node of the Oracle Communications Diameter Signaling Router to route based on Command Code and Origin Realm.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	EXG DSR ADDL Routing Entries per Node	<p>Determines the number of routing entries allowed by Oracle Communications Diameter Signaling Router.</p> <p>A routing entry is defined as an entry in the DSR routing table.</p> <p>Orderable in increments that match product description.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	EXG DSR NPA Splits Per Node	<p>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.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>

	<p>EXG DSR LTE Address Resolution</p>	<p>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:</p> <p>Subscriber Database Server – Provides provisioning and storage of database information for full address resolution. Supports querying, reports and audits.</p> <p>Database Processor – Provides real-time access to the subscriber database at the signaling node.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	<p>EXG DSR IMS Address Resolution</p>	<p>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:</p> <p>Subscriber Database Server – Provides provisioning and storage of large amounts of database information for full address resolution. Supports querying, reports and audits.</p> <p>Database Processor – Provides real-time access to the subscriber database at the signaling node.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	<p>EXG DSR IMS Range Address Resolution</p>	<p>This sub-product adds range based address resolution features per node to the Oracle Communications Diameter Signaling Router for IMS.</p> <p>This sub-product adds the following functionality to the Oracle Communications Diameter Signaling Router:</p> <ul style="list-style-type: none"> • 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. <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>

	EXG DSR LTE Range Address Resolution	<p>This sub-product adds range based address resolution features per node to the Oracle Communications Diameter Signaling Router for LTE.</p> <p>This sub-product adds the following functionality to the Oracle Communications Diameter Signaling Router:</p> <ul style="list-style-type: none"> • 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, IMPUI 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. <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	EXG DSR SLF	<p>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:</p> <p>Subscriber Database Server – Provides provisioning and storage of database information for full address resolution. Supports querying, reports and audits.</p> <p>Database Processor – Provides real-time access to the subscriber database at the signaling node.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	EXG DSR Subscribers	<p>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.</p> <p>Orderable in subscriber increments that match product description.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	SDS Software Kernel	<p>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.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>

	<p>SDS Query Server</p>	<p>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.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	<p>EXG DSR Message Throttling</p>	<p>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:</p> <ul style="list-style-type: none"> • Per-connection Ingress MPS control • Per-connection Egress Message throttling • Remote BUSY congestion control • Remote Transport congestion control <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	<p>EXG DSR Mediation Rules Per Node</p>	<p>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.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	<p>EXG DSR OFCS Topology Hiding Per Node</p>	<p>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.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>

	EXG DSR Concurrent Sessions	<p>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.</p> <p>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.</p> <p>Orderable in session increments that match session capacity product description.</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	EXG DSR IPFE GB/S	<p>Determines the bandwidth per node of the IP Front End allowed by Oracle Communications Diameter Signaling Router.</p> <p>Orderable in bandwidth increments that match product description.</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	EXG DSR Policy Topology Hiding Per Node	<p>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.</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	EXG DSR Remote Congestion Control Per Node	<p>This sub-product enables the following remote congestion control features in the Oracle Communications Diameter Signaling Router:</p> <ul style="list-style-type: none"> • Remote BUSY congestion control • Remote Transport congestion control <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	EXG DSR Per Connection TPS Controls Per Node	<p>This sub-product enables the following per connection message control features in the Oracle Communications Diameter Signaling Router:</p> <ul style="list-style-type: none"> • Per-connection Ingress MPS control • Per-connection Egress Message throttling <p>Restrictions: This product SKU is for legacy customer applications only.</p>

	<p>EXG DSR Policy DRA Per Node</p>	<p>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</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	<p>EXG DSR Policy Correlation Per Node</p>	<p>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.</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	<p>DSR 5K MPS Per Network</p>	<p>Determines the maximum number of network-wide Messages per Second (MPS) allowed by Oracle Communications Diameter Signaling Router. An MPS is defined as:</p> <ol style="list-style-type: none"> 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. <p>Messages excluded from this measure are:</p> <ul style="list-style-type: none"> • 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 <p>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.</p> <p>Orderable in increments that match product description.</p> <p>Restrictions: This license is for specific legacy customer applications only.</p>

	DSR 5M Concurrent Sessions Per Network	<p>Determines the number of concurrent Diameter sessions allowed by Oracle Communications Diameter Signaling Router for policy proxy.</p> <p>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.</p> <p>Orderable in increments that match product description.</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	DSR Concurrent Sessions per 5M Per Network	<p>Determines the number of concurrent Diameter sessions allowed by Oracle Communications Diameter Signaling Router for policy proxy.</p> <p>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.</p> <p>Orderable in increments that match product description.</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	SDS XML to PDBI Conversion Per Network	<p>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.</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>

	<p>DSR MPS Per 100K Per Network</p>	<p>Determines the maximum number of network-wide Messages per Second (MPS) allowed by Oracle Communications Diameter Signaling Router. An MPS is defined as:</p> <ol style="list-style-type: none"> 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. <p>Messages excluded from this measure are:</p> <ul style="list-style-type: none"> • 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 <p>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.</p> <p>Orderable in increments that match product description.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
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	<p>DSR Core Routing Per Blade</p>	<p>This sub-product provides the following base Oracle Communications Diameter Signaling Router functionality:</p> <p>OAM – Operations, administration, measurements functionality including SNMP, event logs, security logs, configuration, topology, user/group management and reports.</p> <p>Core Routing – Core routing and processing functionality that provides application specific handling of real-time Diameter messages.</p> <p>Congestion Management – Ingress and egress, local and remote Diameter congestion control.</p> <p>Connection Management – TCP, SCTP uni- and multi-homing, IPv4-IPv6 interworking, IPSec, load balancing and capabilities exchange.</p> <p>Diameter Mediation – GUI-based Diameter mediation framework used to build mediation rules to resolve interoperability issues.</p> <p>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.</p> <p>Message Copy – Ability to copy certain Diameter Requests or Requests and Answers that transit the Diameter Signaling Router.</p> <p>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.</p> <p>Geo-redundant – The Diameter Signaling Router can be deployed with or without geo-redundancy.</p> <p>High Availability – All message processing critical components are engineered with high levels of redundancy to ensure high availability.</p> <p>Orderable in increments that product description.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
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	<p>DSR Policy Proxy Per Blade</p>	<p>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:</p> <ul style="list-style-type: none"> • 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. <p>Orderable in increments that product description.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	<p>DSR Diameter MPS Per Network</p>	<p>Determines the maximum number of network-wide Messages per Second (MPS) allowed by Oracle Communications Diameter Signaling Router. An MPS is defined as:</p> <ol style="list-style-type: none"> 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. <p>Messages excluded from this measure are:</p> <ul style="list-style-type: none"> • 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 <p>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.</p> <p>Orderable in single MPS increments.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>

	<p>DSR Policy Concurrent Sessions Per Network</p>	<p>Determines the number of concurrent Diameter sessions allowed by Oracle Communications Diameter Signaling Router for policy proxy.</p> <p>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.</p> <p>Orderable in single session increments.</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	<p>DSR Subscribers - Per Network</p>	<p>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.</p> <p>Orderable in single subscriber increments.</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>

	<p>DSR Core Routing Per Server</p>	<p>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.</p> <p>Core Routing – Core routing and processing functionality that provides application specific handling of real-time Diameter messages.</p> <p>Congestion Management – Ingress and egress, local and remote Diameter congestion control.</p> <p>Connection Management – TCP, SCTP uni- and multi-homing, IPv4-IPv6 interworking, IPSec, load balancing and capabilities exchange.</p> <p>Diameter Mediation – GUI-based Diameter mediation framework used to build mediation rules to resolve interoperability issues.</p> <p>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.</p> <p>Message Copy – Ability to copy certain Diameter Requests or Requests and Answers that transit the Diameter Signaling Router.</p> <p>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.</p> <p>Geo-redundant – The Diameter Signaling Router can be deployed with or without geo-redundancy.</p> <p>High Availability – All message processing critical components are engineered with high levels of redundancy to ensure high availability.</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	<p>DSR Policy Proxy Per Server</p>	<p>This sub-product adds policy proxy to the Oracle Communications Diameter Signaling Router. Policy Proxy enables dynamic routing of subscriber sessions to PCRFs.</p> <p>Policy Proxy supports the following capabilities:</p> <ul style="list-style-type: none"> • 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. <p>Restrictions: This product SKU is for legacy customer applications only.</p>

	DSR Charging Proxy OFCS Per Server	<p>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:</p> <ul style="list-style-type: none"> • Session/Subscriber Binding Repository • Charging Topology Hiding <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	DSR Address Resolution Proxy Per Server	<p>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:</p> <ul style="list-style-type: none"> • 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 <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	DSR Roaming Proxy Per Server	<p>This sub-product adds roaming proxy to the Oracle Communications Diameter Signaling Router. The following features are provided with this sub-product:</p> <ul style="list-style-type: none"> • MME Topology Hiding • HSS Topology Hiding • Path Topology Hiding <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	DSR Software Per lab	<p>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.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>

	<p>DSR Diameter MPS Per Node</p>	<p>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.</p> <p>The base functionality consists of:</p> <ul style="list-style-type: none"> • 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 <p>An MPS is defined as:</p> <ol style="list-style-type: none"> 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. <p>Messages excluded from this measure are:</p> <ul style="list-style-type: none"> • 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 <p>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.</p> <p>Orderable in single MPS increments.</p> <p>Restrictions:</p> <p>This license is for specific legacy customer applications only.</p>
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	<p>DSR Initial Content Per Server</p>	<p>This sub-product provides the base Oracle Communications Diameter Signaling Router functionality as follows:</p> <p>OAM – Operations, administration, measurements functionality including SNMP, event logs, security logs, configuration, topology, user/group management and reports.</p> <p>Core Routing – Core routing and processing functionality that provides application specific handling of real-time Diameter messages.</p> <p>Congestion Management – Ingress and egress, local and remote Diameter congestion control.</p> <p>Connection Management – TCP, SCTP uni- and multi-homing, IPv4-IPv6 interworking, IPSec, load balancing and capabilities exchange.</p> <p>Diameter Mediation – GUI-based Diameter mediation framework used to build mediation rules to resolve interoperability issues.</p> <p>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.</p> <p>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.</p> <p>Geo-redundant – The Diameter Signaling Router can be deployed with or without geo-redundancy.</p> <p>High Availability – All message processing critical components are engineered with high levels of redundancy to ensure high availability.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
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	<p>DSR 5 Initial Content Per Server</p>	<p>This sub-product provides Oracle Communications Diameter Signaling Router functionality as follows:</p> <p>OAM – Operations, administration, measurements functionality including SNMP, event logs, security logs, configuration, topology, user/group management and reports.</p> <p>Core Routing – Core routing and processing functionality that provides application specific handling of real-time Diameter messages.</p> <p>Congestion Management – Ingress and egress, local and remote Diameter congestion control.</p> <p>Connection Management – TCP, SCTP uni- and multi-homing, IPv4-IPv6 interworking, IPSec, load balancing and capabilities exchange.</p> <p>Diameter Mediation – GUI-based Diameter mediation framework used to build mediation rules to resolve interoperability issues.</p> <p>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.</p> <p>Message Copy – Ability to copy certain Diameter Requests or Requests and Answers that transit the Diameter Signaling Router.</p> <p>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.</p> <p>Geo-redundant – The Diameter Signaling Router can be deployed with or without geo-redundancy.</p> <p>High Availability – All message processing critical components are engineered with high levels of redundancy to ensure high availability.</p> <p>Policy Proxy</p> <p>Off-Line Charging Proxy</p> <p>Roaming Proxy</p> <p>Message Copy</p> <p>Full Address Resolution Proxy</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	<p>DSR 5 Content Bundle Per Server</p>	<p>This sub-product adds all DSR 5.0 content to the Oracle Communications Diameter Signaling Router:</p> <p>Restrictions: This product SKU is for legacy customer applications only.</p>

	<p>DSR RMS Initial Content Per Server</p>	<p>This sub-product provides Oracle Communications Diameter Signaling Router functionality as follows:</p> <p>OAM – Operations, administration, measurements functionality including SNMP, event logs, security logs, configuration, topology, user/group management and reports.</p> <p>Core Routing – Core routing and processing functionality that provides application specific handling of real-time Diameter messages.</p> <p>Congestion Management – Ingress and egress, local and remote Diameter congestion control.</p> <p>Connection Management – TCP, SCTP uni- and multi-homing, IPv4-IPv6 interworking, IPSec, load balancing and capabilities exchange.</p> <p>Diameter Mediation – GUI-based Diameter mediation framework used to build mediation rules to resolve interoperability issues.</p> <p>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.</p> <p>Message Copy – Ability to copy certain Diameter Requests or Requests and Answers that transit the Diameter Signaling Router.</p> <p>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.</p> <p>Geo-redundant – The Diameter Signaling Router can be deployed with or without geo-redundancy.</p> <p>High Availability – All message processing critical components are engineered with high levels of redundancy to ensure high availability.</p> <p>Roaming Proxy</p> <p>Message Copy</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
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	<p>DSR Policy Proxy I Per Server</p>	<p>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:</p> <ul style="list-style-type: none"> • 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. <p>Prerequisites:</p> <p>A license to DSR Initial Content Per Server is a prerequisite to license and use DSR Policy Proxy I Per Server.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	<p>DSR Full Address Resolution I Per Server</p>	<p>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:</p> <ul style="list-style-type: none"> • 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 <p>Prerequisites:</p> <p>A license to DSR Initial Content Per Server is a prerequisite to license and use DSR Full Address Resolution I Per Server</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	<p>EXG DSR Message Copy Per Node</p>	<p>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.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>

	EXG DSR HSS Topology Hiding Per Node	<p>This sub-product adds HSS Topology Hiding to the Oracle Communications Diameter Signaling Router.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	EXG DSR MME Topology Hiding Per Node	<p>This sub-product adds MME Topology Hiding to the Oracle Communications Diameter Signaling Router.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	EXG DSR Path Topology Hiding Per Node	<p>This sub-product adds Path Topology Hiding to the Oracle Communications Diameter Signaling Router.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	DSR Blacklisting Per Node	<p>This sub-product adds Blacklisting support to the Oracle Communications Diameter Signaling Router.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	DSR User Config MSG Priority Per Node	<p>This sub-product adds user configurable message priority to the Oracle Communications Diameter Signaling Router.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	DSR Message Copy Per Server	<p>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.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>
	DSR RMS Message Copy Per Server	<p>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.</p> <p>Restrictions:</p> <p>This product SKU is for legacy customer applications only.</p>

	DSR IPFE II Per Server	<p>This sub-product adds IPFE features to the Oracle Communications Diameter Signaling Router. The IPFE features added by this sub-product are:</p> <ul style="list-style-type: none"> • SCTP Multi-Homing for IPFE • Enhanced load balancing <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	DSR RMS IPFE II Per Server	<p>This sub-product adds IPFE features to the rack-mount Oracle Communications Diameter Signaling Router. The IPFE features added by this sub-product are:</p> <ul style="list-style-type: none"> • SCTP Multi-Homing for IPFE • Enhanced load balancing <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	DSR Core Routing III Per Server	<p>This sub-product adds core routing features to the Oracle Communications Diameter Signaling Router. The core routing features added by this sub-product are:</p> <ul style="list-style-type: none"> • Maximum message size of 30k bytes • Route group entries up to 160 • Enhanced pending answer timer configurations <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	DSR RMS Core Routing III Per Server	<p>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:</p> <ul style="list-style-type: none"> • Maximum message size of 30k bytes • Route group entries up to 160 • Enhanced pending answer timer configurations <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	DSR Roaming Proxy Topology Hiding I Per Server	<p>This sub-product adds roaming proxy features to the Oracle Communications Diameter Signaling Router. The following features are added with this sub-product:</p> <ul style="list-style-type: none"> • MME Topology Hiding • HSS Topology Hiding • Path Topology Hiding <p>Restrictions: This product SKU is for legacy customer applications only.</p>

	DSR RMS Roaming Proxy Topology Hiding I Per Server	<p>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:</p> <ul style="list-style-type: none"> • MME Topology Hiding • HSS Topology Hiding • Path Topology Hiding <p>Restrictions: This product SKU is for legacy customer applications only.</p>
	DSR Full Address Resolution II Per Server	<p>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:</p> <ul style="list-style-type: none"> • Blacklisting support • Ability to activate range and full address resolution on the same message <p>Restrictions: This product SKU is for legacy customer applications only.</p>

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

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 GPL 2.0 - See APPENDIX A Copyright © Red Hat 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.
	rhpl v. 0.221	Library of Python code used by installation and configuration tools	
	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	
	Audit v.2.2	utilities for storing and searching audit records	
	Augeas v.0.9.0	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 LGPL-2.1 - See APPENDIX E Copyright © Red Hat 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
	Avahi v.0.6.25	zero-configuration networking implementation	
	libcap-ng v.0.6.4	POSIX programming library	
	Libgcrypt v.1.4.5	cryptographic library	
	libdevmapper.so v.1.02.74	Linux Kernel Device Mapper library	

Vendor	Product(s) and Version(s)	Functionality	Licensing Description
	libtool-ltdl v.2.2.6	library support script	<p>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</p> <p>GPL 3.0 - See APPENDIX C</p> <p>Copyright© Red Hat</p> <p>The libtool-ltdl v.2.2.6 software and sample code developed by Red Hat is licensed under the General Public License 2.0.</p>
Jason T. Collins	ctcs v. 1.3.0	VA Cerberus Test Control System	<p>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</p> <p>GPL 2.0 - See APPENDIX A</p> <p>Copyright © Jason T. Collins <jcollins@valinux.com> for VA Linux Systems</p> <p>The ctcs v. 1.3.0 software and sample code developed by Jason T Collins is licensed under the General Public License 2.0.</p>
Philipp Reisner/ Lars Ellenberg	drbd v. 8.3.11	DRBD driver for Linux	<p>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</p> <p>GPL 2.0 - See APPENDIX A</p> <p>Copyright © Philipp Reisner philipp.reisner@linbit.com & Lars Ellenberg lars.ellenberg@linbit.com</p> <p>The drbd v.8.3.11 software and sample code developed by Philipp Reisner/ Lars Ellenberg is licensed under the General Public License 2.0.</p>

Vendor	Product(s) and Version(s)	Functionality	Licensing Description
Theodore Ts'o	e2fsprogs-libs v. 1.39	Ext2 Filesystem Utilities	<p>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</p> <p>GPL 2.0 - See APPENDIX A</p> <p>Copyright © Theodore Ts'o</p> <p>The e2fsprogs-libs v. 1.39 software and sample code developed by Theodore Ts'o is licensed under the General Public License 2.0.</p>
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Jesse Luehrs	perl-Package-Stash-XS-0.25-1.e16	Package-Stash Perl module	Artistic License Copyright © Jesse Luehrs This is a backend for Package::Stash , which provides the functionality in a way that's less buggy and much faster. It will be used by default if it's installed, and should be preferred in all environments with a compiler.

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Paul Kulchenko, Randy J. Ray,	perl-SOAP-Transport-JABBER-0.713	SOAP-Transport Perl module	See above Artistic License

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QOS.ch	SLF4J-1.6.1	Simple Logging Façade For java	SLF4J source code and binaries are distributed under the MIT license

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Chris Leonello	Jqplot-1.0.8	Plotting and charting plugin for the jQuery Javascript framework	<p>jqPlot is an open source project dual licensed under the MIT and GPL version 2 licenses. You are free to choose the license that best suits your project..</p>

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Lee Thomason, Yves Berquin, Andrew Ellerton	TinyXML-1.0.8	C++ XML parser	TinyXML is released under the ZLib license, so you can use it in open source or commercial code. The details of the license are at the top of every source file
Adrian Colyer	AspectJ-1.6.8	Seamless aspect-oriented extension to the Java programming language	Eclipse Public License 1.0
iReasoning	iReasoning SNMP Libraries-5.0.05	Java SNMP Library	EULA
JWare Software	AntXtras-0.5.1	Ant extension library	GNU LGPL 2.1
John Currier	schemaSpy-3.1.1	Tool to generate graphical representations of the table/view relationships	GNU LGPL 2.1

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JCraft	JSch-0.1.30	Java implementation of SSH2.	BSD License
Adobe Systems	BlazeDS-3.2.0	Java remoting and web messaging technology to connect to back-end distributed data and push data to Adobe Flex and Adobe AIR	LGPL v3
Bobby Van Der Sluis	SWFObject-2.2	Tool to embed Flash Player using a markup based approach and a method that relies on JavaScript	MIT License

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Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
acl	acl libacl libacl-devel acl libacl libacl-devel	GPL GPLv2+ starting 6.0
acpid	acpid acpid	GPL GPLv2+ starting 5.4
alsa-lib	alsa-lib	LGPL

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	alsa-lib-devel alsa-lib alsa-lib-devel	GPLv2+ starting 6.0
apr	apr apr-devel apr-docs apr apr-devel	Apache Software License ASL 2.0 starting 6.0
apr-util	apr-util apr-util-devel apr-util apr-util-devel apr-util-docs apr-util-mysql apr-util apr-util-devel apr-util-ldap apr-util-mysql apr-util-odbc apr-util-pgsql apr-util-sqlite	Apache Software License Apache Software License 2.0 starting 5.0 ASL 2.0 starting 6.0
arptables_jf	arptables_jf arptables_jf	GPL GPLv2+ starting 6.0
at	at at	GPL GPLv2+ starting 6.0
atk	atk atk-devel atk atk-devel	LGPL LGPLv2+ starting 6.0
attr	attr libattr libattr-devel attr libattr libattr-devel	GPL GPLv2+ starting 6.0
audiofile	audiofile audiofile-devel audiofile audiofile-devel	LGPL LGPLv2+ starting 6.0

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
audit	audit audit-libs 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	GPL GPLv2+ starting 6.0
authconfig	authconfig authconfig-gtk authconfig authconfig-gtk	GPL GPLv2+ starting 5.2
autoconf	autoconf autoconf	GPL GPLv3+ and GFDL starting 6.0
autofs	autofs autofs	GPL GPLv2+ starting 6.0
automake	automake automake	GPL GPLv2+ and GFDL starting 6.0
basesystem	basesystem basesystem	public domain Public Domain starting 6.0
bash	bash bash bash bash-doc	GPL GPLv2+ starting 5.2 GPLv3+ starting 6.0
bc	bc bc	GPL GPLv2+ starting 6.0
bind	bind bind-chroot bind-devel bind-libs bind-utils bind-libbind-devel bind-sdb caching-nameserver bind	BSD-like ISC starting 6.0

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	bind-chroot bind-devel bind-libs bind-sdb bind-utils	
binutils	binutils binutils-devel binutils binutils-devel	GPL GPLv3+ starting 6.0
bridge-utils	bridge-utils bridge-utils-devel bridge-utils	GPL GPLv2+ starting 6.0
busybox	busybox busybox-anaconda busybox busybox-petitboot	GPL GPLv2 starting 6.0
bzip2	bzip2 bzip2-devel bzip2-libs	BSD
checkpolicy	checkpolicy checkpolicy	GPL GPLv2 starting 6.0
chkconfig	chkconfig ntsysv chkconfig ntsysv	GPL GPLv2 starting 6.0
compat-gcc-296	compat-libgcc-296 compat-libstdc++-296 compat-libgcc-296 compat-libstdc++-296	GPL GPLv2+ starting 6.0
comps-extras	comps-extras comps-extras	GPL GPL+ and LGPL+ starting 6.0
coreutils	coreutils coreutils coreutils coreutils-libs	GPL GPLv2+ starting 5.2 GPLv3+ starting 6.0
cpio	cpio cpio	GPL GPLv3+ starting 6.0
cracklib	cracklib cracklib-dicts	Artistic LGPLv2+ starting 6.0

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	cracklib cracklib-devel cracklib-dicts cracklib-python	
crash	crash crash-devel crash crash-devel crash-devel crash crash-devel	GPL GPLv2 starting 5.5 GPLv3 starting 6.0
crontabs	crontabs crontabs	Public Domain Public Domain and GPLv2 starting 6.0
cups	cups cups-devel cups-libs cups-lpd cups cups-devel cups-libs cups-lpd cups-php	GPL GPLv2 starting 6.0
curl	curl curl-devel curl curl-devel libcurl libcurl-devel	MPL MIT starting 5.0
cvs	cvs cvs cvs-inetd	GPL GPL+ and GPLv2+ and LGPL+ starting 6.0
cyrus-sasl	cyrus-sasl cyrus-sasl-devel cyrus-sasl-gssapi cyrus-sasl-md5 cyrus-sasl-ntlm cyrus-sasl-plain cyrus-sasl-sql	Freely Distributable BSD starting 6.0

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	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 db4-devel db4-java 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	GPL BSD starting 6.0 Sleepycat and BSD starting 6.3
dbus	dbus dbus-devel dbus-glib dbus-python dbus-x11 dbus dbus dbus-devel dbus-devel	AFL/GPL 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-libs dbus-libs dbus-x11 dbus-doc	
desktop-file-utils	desktop-file-utils desktop-file-utils	GPL GPLv2+ starting 6.0
device-mapper-multipath	device-mapper-multipath kpartx device-mapper-multipath device-mapper-multipath-libs kpartx	GPL GPL+ starting 5.6
device-mapper-persistent-data	device-mapper-persistent-data	GPLv3+
dhcp	dhclient dhcp dhcp-devel dhclient dhcp dhcp-devel libdhcp4client libdhcp4client-devel dhclient dhcp dhcp-devel dhcp-common	distributable BSD starting 4.8 ISC starting 6.0
dialog	dialog dialog dialog-devel	GPL LGPLv2 starting 6.0
diffutils	diffutils diffutils	GPL GPLv2+ starting 6.0
dmraid	dmraid dmraid-devel dmraid-events dmraid-events-logwatch dmraid dmraid-devel dmraid-events dmraid-events-logwatch	GPL GPLv2+ starting 6.0
docbook-dtds	docbook-dtds docbook-dtds	Distributable Copyright only starting 6.0

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

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
ethtool	ethtool ethtool	GPL GPLv2 starting 6.0
expat	expat expat-devel expat expat-devel	BSD MIT starting 6.0
expect	expect expect-devel expectk	Public Domain
file	file file file-devel file-libs file-static python-magic	distributable BSD starting 6.0
filesystem	filesystem	Public Domain
findutils	findutils findutils	GPL GPLv3+ starting 6.0
flac	flac flac-devel xmms-flac flac flac-devel	LGPL/GPL BSD and GPLv2+ starting 6.0
fontconfig	fontconfig fontconfig-devel	MIT
freetype	freetype freetype-demos freetype-devel freetype-utils freetype freetype-demos freetype-devel	BSD/GPL dual license FTL or GPLv2+ starting 6.0
ftp	ftp ftp	BSD BSD with advertising starting 6.0
gamin	gamin gamin-devel gamin-python gamin gamin-devel	LGPL LGPLv2 starting 6.0

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	gamin-python	
gawk	gawk gawk	GPL GPLv3+ starting 6.0
gcc	cpp gcc 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 gcc-objc gcc-objc++ libgcc libgcj libgcj-devel libgcj-src libgfortran	GPL GPLv3+ and GPLv3+ with exceptions and GPLv2+ with exceptions starting 6.0

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	libgnat libgnat-devel libgomp libmudflap libmudflap-devel libobjc libstdc++ libstdc++-devel libstdc++-docs	
GConf2	GConf2 GConf2-devel GConf2 GConf2-devel GConf2-gtk	GPL LGPLv2+ starting 6.0
gdb	gdb gdb gdb gdb-gdbserver	GPL GPLv3+ starting 5.3 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
gdbm	gdbm gdbm-devel gdbm gdbm-devel	GPL GPLv2+ starting 6.0
gettext	gettext gettext-devel gettext gettext-devel gettext-libs	GPL/LGPL GPLv3 and LGPLv2+ starting 5.6
ghostscript-fonts	ghostscript-fonts ghostscript-fonts	GPL GPLv2+ and Hershey and MIT and OFL and Public Domain starting 6.0
glib2	glib2 glib2-devel glib2 glib2-devel glib2-static	LGPL LGPLv2+ starting 6.0
glibc	glibc	LGPL

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

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
gstreamer	gstreamer gstreamer-devel gstreamer-tools gstreamer gstreamer gstreamer-devel gstreamer-devel gstreamer-tools gstreamer-devel-docs	GPL GPLv2+ starting 5.3
gtk2	gtk2 gtk2-devel gtk2 gtk2-devel gtk2-devel-docs gtk2-immodules gtk2-immodule-xim	GPL GPLv2+ starting 6.0
gtk2-engines	gtk2-engines gtk2-engines gtk2-engines-devel	GPL GPLv2+ starting 6.0
gzip	gzip gzip	GPL GPLv2+ and GFDL starting 6.0
hal	hal hal-devel hal-gnome hal hal-devel hal-docs hal-libs hal-storage-addon	AFL/GPL AFL or GPLv2 starting 6.0
hdparm	hdparm hdparm	BSD BSD and GPLv2 starting 6.0
hesiod	hesiod hesiod-devel	MIT
hicolor-icon-theme	hicolor-icon-theme hicolor-icon-theme	GPL GPL+ starting 6.0
httpd	httpd httpd-devel httpd-manual httpd-suexec	Apache Software License ASL 2.0 starting 6.0

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

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	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 keyutils-devel keyutils-libs keyutils-libs-devel keyutils keyutils-libs keyutils-libs-devel	GPL/LGPL GPLv2+ and LGPLv2+ starting 6.0
krb5	krb5-devel krb5-libs krb5-server krb5-workstation krb5-server-ldap krb5-pkinit-openssl	MIT, freely distributable.
less	less less	GPL GPLv3+ starting 6.0
lftp	lftp lftp lftp lftp lftp-scripts	GPL GPLv2 starting 4.8 GPLv3 starting 5.4 GPLv3+ starting 6.0
libaio	libaio libaio-devel libaio	LGPL LGPLv2+ starting 6.0

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

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	libgpg-error-devel libgpg-error libgpg-error-devel	LGPLv2+ starting 6.0
libIDL	libIDL libIDL-devel libIDL libIDL-devel	LGPL LGPLv2+ starting 6.0
libidn	libidn libidn-devel libidn libidn-devel	LGPL LGPLv2+ and GPLv3+ and GFDL starting 6.0
libmng	libmng libmng-devel libmng-static libmng libmng-devel	BSD-like zlib starting 6.0
libselinux	libselinux libselinux-devel libselinux-python libselinux-utils libselinux-ruby libselinux libselinux-devel libselinux-python libselinux-ruby libselinux-static libselinux-utils	Public domain (uncopyrighted) Public Domain starting 6.0
libsepol	libsepol libsepol-devel libsepol libsepol-devel libsepol-static	GPL LGPLv2+ starting 5.4
libtiff	libtiff libtiff-devel libtiff libtiff libtiff-devel libtiff-devel libtiff-static	distributable libtiff starting 5.3

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
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
ksctp-tools	ksctp-tools ksctp-tools-devel ksctp-tools-doc ksctp-tools ksctp-tools-devel ksctp-tools-doc	LGPL GPLv2 and GPLv2+ and LGPLv2 and BSD starting 6.0

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
lm_sensors	lm_sensors lm_sensors-devel lm_sensors lm_sensors-devel lm_sensors-libs lm_sensors-sensord	GPL GPLv2+ starting 6.0
lockdev	lockdev lockdev-devel lockdev lockdev-devel	LGPL LGPLv2 starting 6.0
logrotate	logrotate logrotate	GPL GPL+ starting 6.0
lrzsz	lrzsz lrzsz	GPL GPLv2+ starting 6.0
lsof	lsof lsof	Free zlib starting 6.0
ltrace	ltrace ltrace	GPL GPLv2+ starting 6.0
lvm2	lvm2 cmirror 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	GPL GPLv2 starting 6.0
lynx	lynx lynx	GPL GPLv2 starting 6.0
m4	m4 m4	GPL GPLv3+ starting 6.0
mailcap	mailcap mailcap	public domain Public Domain and MIT starting 6.0
mailx	mailx mailx	BSD BSD with advertising and MPLv1.1 starting 6.0

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

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

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	ntp-doc ntp-perl	
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 openssh-server pam_ssh_agent_auth openssh-ldap	BSD
openssl	openssl openssl openssl-devel openssl-perl	BSDish OpenSSL starting 6.0

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	openssl openssl-devel openssl-perl openssl-static	
ORBit2	ORBit2 ORBit2-devel ORBit2 ORBit2-devel	LGPL/GPL LGPLv2+ and GPLv2+ starting 6.0
pam	pam pam-devel pam pam-devel	GPL or BSD BSD and GPLv2+ starting 6.0
pam_passwdqc	pam_passwdqc pam_passwdqc	BSD-compatible BSD and Copyright only starting 6.0
pango	pango pango-devel pango pango-devel	LGPL LGPLv2+ starting 6.0
parted	parted parted-devel parted parted-devel parted parted-devel	GPL GPLv2+ starting 4.7 GPLv3+ starting 6.0
passwd	passwd passwd	BSD BSD or GPLv2+ starting 6.0
patch	patch patch	GPL GPLv2+ starting 6.0
patchutils	patchutils patchutils	GPL GPLv2+ starting 6.0
pax	pax	BSD
pciutils	pciutils pciutils-devel pciutils pciutils-devel pciutils-devel-static pciutils-libs	GPL GPLv2+ starting 5.6
pcre	pcre	distributable

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	pcre-devel pcre pcre-devel pcre-static	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 perl-Module-Build perl-Module-CoreList perl-Module-Load perl-Module-Load-Conditional perl-Module-Loaded perl-Module-Pluggable perl-Object-Accessor	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-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 perl-Bit-Vector perl-Bit-Vector	distributable GPL or Artistic starting 5.0 (GPLv2+ or Artistic) and LGPLv2+ starting 6.0
perl-Convert-ASN1	perl-Convert-ASN1 perl-Convert-ASN1	GPL or Artistic GPL+ or Artistic starting 6.0
perl-Crypt-SSLeay	perl-Crypt-SSLeay perl-Crypt-SSLeay perl-Crypt-SSLeay	distributable GPL or Artistic starting 5.0 GPL+ or Artistic starting 6.0
perl-Date-Calc	perl-Date-Calc perl-Date-Calc perl-Date-Calc	distributable GPL or Artistic starting 5.0 GPL+ or Artistic starting 6.0
perl-DateManip	perl-DateManip perl-DateManip	distributable GPL or Artistic starting 5.0
perl-DBI	perl-DBI perl-DBI perl-DBI	Artistic GPL or Artistic starting 5.0 GPL+ or Artistic starting 6.0
perl-Digest-HMAC	perl-Digest-HMAC perl-Digest-HMAC perl-Digest-HMAC	distributable GPL or Artistic starting 5.0 GPL+ or Artistic starting 6.0
perl-Digest-SHA1	perl-Digest-SHA1 perl-Digest-SHA1 perl-Digest-SHA1	distributable GPL or Artistic starting 5.0 GPL+ or Artistic starting 6.0
perl-HTML-Parser	perl-HTML-Parser perl-HTML-Parser	GPL or Artistic GPL+ or Artistic starting 6.0

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

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
php	php php-devel php-domxml php-gd php-imap php-ldap php-mbstring php-mysql php-ncurses php-odbc php-pear php-pgsql php-snmp php-xmllrpc 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 php-xmllrpc php php-bcmath php-cli php-common php-dba php-devel	The PHP License The PHP License v3.01 starting 5.0 PHP starting 6.0

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	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 pinfo	GPL GPLv2 starting 6.0
pkgconfig	pkgconfig pkgconfig	GPL GPLv2+ starting 6.0
policycoreutils	policycoreutils policycoreutils-gui policycoreutils-newrole policycoreutils policycoreutils-gui policycoreutils-newrole policycoreutils-python policycoreutils-sandbox	GPL GPLv2+ starting 6.0
postfix	postfix postfix-pflogsumm postfix-perl-scripts	IBM Public License
prelink	prelink prelink	GPL GPLv2+ starting 6.0
procps	procps procps	GPL GPLv2+ and LGPLv2+ starting 6.0

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	procps-devel	
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 python-urlgrabber	LGPL LGPLv2+ starting 5.3
pyxf86config	pyxf86config pyxf86config	GPL GPLv2 starting 6.0
qt	qt qt-config qt-designer	GPL/QPL (LGPLv2 with exceptions or GPLv3 with exceptions) and ASL 2.0 and BSD and FLT and MIT starting 6.0

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	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 quota quota-devel	BSD BSD and GPLv2+ starting 6.0
rsc	rsc rsc rsc-docs	GPL GPLv2+ starting 6.0
readline	readline readline-devel readline readline-devel readline-static	GPL GPLv3+ starting 6.0
redhat-menus	redhat-menus redhat-menus	XFree86 GPLv2+ starting 6.0
redhat-rpm-config	redhat-rpm-config redhat-rpm-config	GPL GPL+ starting 6.0
rootfiles	rootfiles	Public Domain
rpm	popt rpm rpm-build rpm-devel rpm-libs rpm-python popt	GPL GPLv2+ starting 5.3

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

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

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	syslinux-devel syslinux-extlinux syslinux-perl syslinux-tftpboot	
sysstat	sysstat sysstat	GPL GPLv2+ starting 6.0
system-config-date	system-config-date system-config-date	GPL GPLv2+ starting 6.0
systemtap	systemtap systemtap-runtime systemtap 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	GPL GPLv2+ starting 4.7 GPLv2+, Public Domain starting 6.1
SysVinit	SysVinit	GPL
talk	talk talk-server	BSD
tar	tar tar	GPL GPLv3+ starting 6.0
tcl	tcl tcl-devel tcl-html tcl tcl-devel	BSD TCL starting 6.0
tclx	tclx tclx-devel	BSD

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	tclx-doc	
tcpdump	arpwatch libpcap tcpdump libpcap-devel tcpdump	BSD BSD with advertising starting 6.0
tcp_wrappers	tcp_wrappers tcp_wrappers tcp_wrappers-devel tcp_wrappers-libs	Distributable BSD starting 6.0
tcsch	tcsch tcsch	distributable BSD starting 6.0
telnet	telnet telnet-server	BSD
texinfo	info texinfo texinfo-tex info texinfo texinfo-tex	GPL GPLv3+ starting 6.0
tftp	tftp tftp-server	BSD
time	time time	GPL GPLv2+ starting 6.0
tk	tk tk-devel tk tk-devel	BSD TCL starting 6.0
tmpwatch	tmpwatch tmpwatch	GPL GPLv2 starting 6.0
traceroute	traceroute traceroute traceroute	BSD GPL starting 5.0 GPLv2+ starting 6.0
tzdata	tzdata tzdata-java tzdata tzdata-java	GPL Public Domain starting 6.0
udev	udev libvolume_id	GPL GPLv2 starting 6.0

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

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	vsftpd	GPLv2 with exceptions starting 6.0
vte	vte vte-devel vte vte-devel	GPL LGPLv2+ starting 6.0
wget	wget wget	GPL GPLv3+ and GFDL starting 6.0
which	which which	GPL GPLv3 starting 6.0
words	words words	public domain Public Domain starting 6.0
xinetd	xinetd xinetd	Distributable (BSD-like) xinetd starting 6.0
ypbind	ypbind ypbind	GPL GPLv2 starting 6.0
yp-tools	yp-tools yp-tools	GPL GPLv2 starting 6.0
yum	yum yum-updatesd yum yum-cron	GPL GPLv2+ starting 5.2
zip	zip zip	distributable BSD starting 6.0
zlib	zlib zlib-devel minizip minizip-devel zlib zlib-devel zlib-static	BSD zlib and Boost starting 6.0
wireshark	wireshark wireshark-gnome wireshark wireshark-devel wireshark-gnome	GPL GPL+ starting 6.0
perl-Archive-Tar	perl-Archive-Tar	GPL or Artistic
perl-IO-String	perl-IO-String perl-IO-String	GPL or Artistic GPL+ or Artistic starting 6.0
perl-IO-Zlib	perl-IO-Zlib	GPL or Artistic

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
perl-TimeDate	perl-TimeDate perl-TimeDate	GPL or Artistic GPL+ or Artistic starting 6.0
sos	sos sos	GPL GPLv2+ starting 6.0
libsmi	libsmi libsmi-devel libsmi libsmi-devel	BSD BSD and GPLv2+ starting 6.0
nspr	nspr nspr-devel nspr nspr-devel nspr nspr-devel	MPL/GPL/LGPL MPLv1.1 or GPLv2+ or LGPLv2+ starting 5.6 MPLv2.0 starting 5.9
nss	nss nss-devel nss-tools nss-pkcs11-devel nss nss-devel nss-pkcs11-devel nss-tools nss-sysinit	MPL/GPL/LGPL MPLv1.1 or GPLv2+ or LGPLv2+ starting 5.6
avahi	avahi avahi-compat-howl avahi-compat-howl-devel avahi-compat-libdns_sd avahi-compat-libdns_sd-devel avahi-devel avahi-glib avahi-glib-devel avahi-qt3 avahi-qt3-devel avahi-tools avahi avahi-autoipd avahi-compat-howl avahi-compat-howl-devel	LGPL LGPLv2 starting 6.0

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	avahi-compat-libdns_sd avahi-compat-libdns_sd-devel avahi-devel avahi-dnssconfd 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 cairo-devel cairo cairo-devel	LGPL/MPL LGPLv2 or MPLv1.1 starting 6.0
cpuspeed	cpuspeed cpuspeed	GPL GPLv2+ starting 6.0
createrepo	createrepo createrepo	GPL GPLv2 starting 5.2
cryptsetup-luks	cryptsetup-luks cryptsetup-luks-devel cryptsetup-luks cryptsetup-luks-devel cryptsetup-luks-libs	GPL GPLv2 starting 6.0
dbus-glib	dbus-glib dbus-glib-devel dbus-glib dbus-glib-devel	AFL/GPL AFL and GPLv2+ starting 6.0
dbus-python	dbus-python dbus-python dbus-python-devel	AFL/GPL MIT starting 6.0
dmidecode	dmidecode dmidecode	GPL GPLv2+ starting 5.4

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
eclipse	eclipse-ecj 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	EPL
giflib	giflib giflib-devel giflib-utils	MIT
gnome-menus	gnome-menus gnome-menus-devel gnome-menus gnome-menus-devel	GPL GPLv2+ starting 6.0
hardlink	hardlink hardlink	GPL GPLv2+ starting 6.0
icu	icu libicu libicu-devel libicu-doc icu libicu libicu-devel libicu-doc	X License MIT and UCD and Public Domain starting 6.0
imake	imake	MIT/X11
ipvsadm	ipvsadm ipvsadm	GPL GPLv2+ starting 6.0
irqbalance	irqbalance irqbalance	GPL/OSL GPLv2 starting 6.0
iso-codes	iso-codes iso-codes-devel iso-codes iso-codes-devel	GPL GPLv2+ starting 6.0

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

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	libsemanage-python libsemanage-static	
libSM	libSM libSM-devel	MIT/X11
libutempter	libutempter libutempter-devel libutempter libutempter-devel	GPL GPLv2 starting 6.0
libvirt	libvirt libvirt-devel libvirt-python libvirt libvirt-devel libvirt-python libvirt-client libvirt-lock-sanlock	GPL GPLv2+ 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
libXfixes	libXfixes libXfixes-devel	MIT/X11
libXfont	libXfont libXfont-devel	MIT/X11
libXft	libXft libXft-devel	MIT/X11
libXi	libXi libXi-devel	MIT/X11

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
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 mesa-libGLU mesa-libGLU-devel mesa-libGLw mesa-libGLw-devel mesa-libOSMesa mesa-libOSMesa-devel mesa-source mesa-demos	MIT/X11

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	mesa-dri-drivers mesa-dri-drivers-experimental	
microcode_ctl	microcode_ctl microcode_ctl	GPL GPLv2+ starting 6.0
notification-daemon	notification-daemon notification-daemon	GPL GPLv2+ starting 6.0
notify-python	notify-python notify-python	LGPL LGPLv2+ starting 6.0
opensp	opensp opensp-devel opensp opensp-devel	Distributable MIT starting 6.0
openssl097a	openssl097a	BSDish
perl-Carp-Clan	perl-Carp-Clan perl-Carp-Clan	GPL or Artistic GPL+ or Artistic starting 6.0
perl-IO-Socket-INET6	perl-IO-Socket-INET6 perl-IO-Socket-INET6	Artistic or GPL GPL+ or Artistic starting 6.0
perl-IO-Socket-SSL	perl-IO-Socket-SSL perl-IO-Socket-SSL	GPL or Artistic GPL+ or Artistic starting 6.0
perl-Net-IP	perl-Net-IP perl-Net-IP	GPL or Artistic MIT and (GPL+ or Artistic) starting 6.0
perl-Net-SSLeay	perl-Net-SSLeay perl-Net-SSLeay	BSDish OpenSSL starting 6.0
perl-Net-Telnet	perl-Net-Telnet perl-Net-Telnet	GPL or Artistic 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 perl-XML-Simple	GPL or Artistic GPL+ or Artistic starting 6.0
php-pear	php-pear php-pear	The PHP License 3.0 BSD and PHP and LGPLv2+ starting 6.0
pm-utils	pm-utils pm-utils pm-utils-devel	GPL GPLv2 starting 6.0
pycairo	pycairo pycairo-devel pycairo pycairo-devel	LGPL MPLv1.1 or LGPLv2 starting 6.0

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
pygobject2	pygobject2 pygobject2-devel pygobject2-doc pygobject2 pygobject2-codegen pygobject2-devel pygobject2-doc	GPL GPLv2+ starting 6.0
python-virtinst	python-virtinst python-virtinst	GPL GPLv2+ starting 5.2
readahead	readahead readahead	GPL/OSL GPLv2+ starting 6.0
selinux-policy	selinux-policy selinux-policy-devel 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	GPL GPLv2+ starting 6.0
smartmontools	smartmontools smartmontools	GPL GPLv2+ starting 6.0
squashfs-tools	squashfs-tools squashfs-tools	GPL GPLv2+ starting 6.0
x86info	x86info x86info	GPL GPLv2+ starting 6.0
xkeyboard-config	xkeyboard-config	MIT
xorg-x11-drv-ati	xorg-x11-drv-ati xorg-x11-drv-ati-firmware	MIT/X11
xorg-x11-drv-evdev	xorg-x11-drv-evdev xorg-x11-drv-evdev-devel	MIT/X11
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 bdftruncate	MIT/X11

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
xorg-x11-server	xorg-x11-server-sdk 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	MIT/X11
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 xorg-x11-xkb-extras	MIT/X11
yum-metadata-parser	yum-metadata-parser yum-metadata-parser	GPL GPLv2 starting 5.2
dnsmasq	dnsmasq dnsmasq dnsmasq-utils	GPL GPLv2 or GPLv3 starting 6.0
watchdog	watchdog watchdog	GPL GPL+ starting 5.4
yum-utils	yum-changelog yum-downloadonly yum-kmod yum-protectbase yum-security yum-skip-broken yum-updateonboot yum-utils yum-versionlock yum-aliases yum-basearchonly yum-filter-data yum-list-data yum-protect-packages yum-aliases yum-changelog yum-downloadonly	GPL GPLv2+ starting 5.3

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	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 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	

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	yum-plugin-ps	
python-iniparse	python-iniparse	MIT
rsyslog	rsyslog rsyslog-mysql rsyslog 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	GPLv2+ GPLv3+ starting 5.5 (GPLv3+ and ASL 2.0) starting 6.3
fipscheck	fipscheck fipscheck fipscheck-devel fipscheck-devel fipscheck-lib	BSD
java-1.6.0-openjdk	java-1.6.0-openjdk 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 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	GPLv2 with exceptions ASL 1.1, ASL 2.0, GPL+, GPLv2, GPLv2 with exceptions, LGPL+, LGPLv2, MPLv1.0, MPLv1.1, Public Domain, W3C starting 5.6
perl-Archive-Zip	perl-Archive-Zip perl-Archive-Zip	GPL or Artistic GPL+ or Artistic starting 6.0
sgpio	sgpio	GPLv2+

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
celt051	celt051 celt051-devel	BSD
fuse	fuse fuse-devel fuse-libs	GPL+
gnupg2	gnupg2 gnupg2-smime	GPLv3+
libpciaccess	libpciaccess libpciaccess-devel	MIT
log4cpp	log4cpp log4cpp-devel log4cpp-docs	LGPLv2+
perl-Sys-Virt	perl-Sys-Virt	GPLv2+ or Artistic
pinentry	pinentry pinentry-gtk pinentry-qt pinentry-qt4	GPLv2+
pth	pth pth-devel	LGPLv2+
gpxe	gpxe-roms-qemu gpxe-bootimgs	GPLv2 and BSD
tunctl	tunctl	GPL+
xz	xz xz-devel xz-devel xz-libs xz-libs xz-lzma-compatible	LGPLv2+
ebtables	ebtables	GPLv2+
libtdb	libtdb libtdb-devel tdb-tools python-tdb	LGPLv3+
python-pycurl	python-pycurl python-pycurl	LGPL 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

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	cairo-spice-devel	
chrpath	chrpath	GPL+
cloog	cloog-ppl cloog-ppl-devel	GPLv2+
compat-libcap1	compat-libcap1	BSD-like and LGPL
ConsoleKit	ConsoleKit ConsoleKit-devel ConsoleKit-docs ConsoleKit-libs ConsoleKit-x11	GPLv2+
cronie	cronie cronie-anacron cronie-noanacron	MIT and BSD and ISC and GPLv2
dash	dash	BSD
deltarpm	deltaiso deltarpm drpmsync python-deltarpm	BSD
DeviceKit-power	DeviceKit-power DeviceKit-power-devel DeviceKit-power-devel-docs	GPLv2+
dmz-cursor-themes	dmz-cursor-themes	CC-BY-SA
eggdbus	eggdbus eggdbus-devel	LGPLv2
ffmpeg-spice	ffmpeg-spice-devel ffmpeg-spice-libs	GPLv2+
gnome-packagekit	gnome-packagekit gnome-packagekit-extra	GPLv2+
gpgme	gpgme gpgme-devel	LGPLv2+
grubby	grubby	GPLv2+
hal-info	hal-info	AFL or GPLv2
ipmitool	ipmitool	BSD
isomd5sum	isomd5sum isomd5sum-devel	GPLv2+
jasper	jasper jasper-devel jasper-libs jasper-utils	JasPer

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
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 libsamplerate-devel	GPLv2+
libsndfile	libsndfile libsndfile-devel	LGPLv2+ and GPLv2+ and BSD
libssh2	libssh2 libssh2-devel libssh2-docs	BSD
libtasn1	libtasn1 libtasn1-devel	GPLv3+ and LGPLv2+

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	libtasn1-tools	
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+
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	GPLv2+

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	PackageKit-docs PackageKit-glib PackageKit-glib-devel PackageKit-gstreamer-plugin PackageKit-gtk-module PackageKit-qt PackageKit-qt-devel PackageKit-yum PackageKit-yum-plugin	
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
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

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
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
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

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
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 pixman-devel	MIT
pixman-spice	pixman-spice pixman-spice-devel	MIT
plymouth	plymouth plymouth-core-libs plymouth-devel plymouth-gdm-hooks plymouth-graphics-libs plymouth-plugin-fade-throbber plymouth-plugin-label	GPLv2+

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	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 polkit-desktop-policy polkit-devel polkit-docs	LGPLv2+
popt	popt popt-devel popt-static	MIT
portreserve	portreserve	GPLv2+
ppl	ppl ppl-devel ppl-docs ppl-gprolog ppl-gprolog-static ppl-java ppl-java-javadoc ppl-pwl ppl-pwl-devel ppl-pwl-docs ppl-pwl-static ppl-static ppl-swiprolog ppl-swiprolog-static ppl-utils ppl-yap	GPLv3+
pulseaudio	pulseaudio pulseaudio-esound-compat pulseaudio-gdm-hooks	LGPLv2+

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	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 python-slip-dbus python-slip-gtk	GPLv2+
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 rarian-compatible rarian-devel	LGPLv2+
centos-indexhtml	centos-indexhtml	Distributable
rhino	rhino rhino-demo rhino-javadoc rhino rhino-javadoc	GPLv+ and LGPL+ and Netscape and MPLv1.0 and (MPLv1.1 or GPLv2+) GPLv+ and LGPLv2+ and Netscape and MPLv1.0 and (MPLv1.1 or GPLv2+) starting 5.7
rng-tools	rng-tools	GPLv2+
rpcbind	rpcbind	GPLv
rtkit	rtkit	GPLv3+ and BSD
sound-theme-freedesktop	sound-theme-freedesktop	GPLv2+ and LGPLv2+ and CC-BY-SA and CC-BY

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
system-config-date-docs	system-config-date-docs	GPLv2+
system-config-firewall	system-config-firewall system-config-firewall-base system-config-firewall-tui	GPLv2+
system-gnome-theme	system-gnome-theme	GPLv2+
system-icon-theme	system-icon-theme	GPLv2+
system-setup-keyboard	system-setup-keyboard	MIT
unique	unique unique-devel	LGPLv2+
upstart	upstart	GPLv2 and LGPLv2+
ustr	ustr ustr-debug ustr-debug-static ustr-devel ustr-static	MIT or LGPLv2+ or BSD
util-linux-ng	libblkid libblkid-devel libuuid libuuid-devel util-linux-ng uuuid	GPLv1+ and GPLv2 and GPLv2+ and LGPLv2+ and MIT and BSD with advertising and Public Domain
xcb-util	xcb-util xcb-util-devel	MIT
xdg-utils	xdg-utils	MIT
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	GPLv2+ LGPLv2+ starting 6.1

Source RPM Name	Associated Binary RPM Names (may be i386.rpm, x86_64.rpm or noarch.rpm)	License
	spice-server-devel	
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-epromer	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+

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Preamble

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The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

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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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- **e)** Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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APPENDIX G – Apache License, version 1.1 (APACHE 1.1)

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