

Oracle® Communications MetaSolv Solution ASR

Release Notes

Release 51.0

E63131-01

July 2015

This document describes the enhancements that are introduced and the Access Service Ordering Guidelines (ASOG) issues that have been implemented in Oracle Communications MetaSolv Solution Access Service Request (ASR) 51.

This document consists of the following sections:

- [Data Conversions](#)
- [Software Support](#)
- [Product Enhancements](#)
- [ASOG Issues Implemented](#)

See *ASR Installation Guide* for instructions about installing ASR 51.

Data Conversions

The `ASR51BD.sql` file is included in this release. The installer provides all upgrades to MetaSolv Solution executable files and stored procedure files (**Procs** directory).

Software Support

MetaSolv Solution 6.2.x supports ASR 51 on the following software versions:

- Oracle Linux Server release 5.5 (Carthage)
- Red Hat Enterprise Linux Server 5
- Oracle Solaris 10 update 5/08 or higher (on a SPARC machine)
- AIX 6.1 or higher (on a POWER6 machine)
- HP-UX 11.23 or higher (on an Itanium machine. 32-bit and 64-bit JAVA supported)
- Windows Server 2008 R2
- Oracle WebLogic Server 10.3.1
- Oracle Database 11g R2
- JacORB 2.3.1

Product Enhancements

This section describes new enhancements in ASR 51.

New Preferences

Capture ASR Audit and Supplement History

A new system preference, **Capture ASR Audit and Supplement History**, has been added under Preferences - Service Request - Access Service Request - ASR.

The **Capture ASR Audit and Supplement History** preference has the following options:

- **Y:** Captures the audit and supplement history of ASR orders.
- **N (default):** Does not capture the audit and supplement history of ASR orders.

The **Capture ASR Audit and Supplement History** preference captures the audit history of only the forms that already exist on the ASR order; it does not capture the audit history of any new forms that are added to an existing ASR order.

The **Capture ASR Audit and Supplement History** preference does not capture the audit history of the following:

- Port Configuration
- Routing Matrix
- Routing Exception Matrix
- Translation Questionnaire Additional CIC information
- Translation Questionnaire SAC NXX
- Fields on the Circuit Identification window
- User Data
- Notes
- Tasks
- Links

Allow Reuse of Pending Disconnect Circuit ID

A new system preference, **Allow Reuse of Pending Disconnect Circuit ID**, has been added under Preferences - Service Request - Access Service Request - ASR.

The **Allow Reuse of Pending Disconnect Circuit ID** preference has the following options:

- **Y:** Allows you to reuse an existing circuit ID (ECCKT) in Pending Disconnect status on ASR orders with an activity of N - New Installation on which the **Related Purchase Order Number (RPON)** field contains the purchase order number (PON) of the ASR order with an activity of D - Disconnect. The existing circuit whose circuit ID you want to reuse must be already open on the ASR order with an activity of D - Disconnect.
- **N (default):** Does not allow you to reuse an existing circuit ID of the circuit that is in Pending Disconnect status.

The **Allow Reuse of Pending Disconnect Circuit ID** preference allows you to reuse circuits of only the following types:

- CLS
- OTS

- CLF
- OTF

New Forms

Dedicated Internet Service (DIS) Form

The DIS form enables you to order user network interface (UNI)/external network to network interface (ENNI) connections for a Dedicated Internet service.

Private Internet Protocol (PIP) Form

The PIP form enables you to order the user network interface (UNI)/external network to network interface (ENNI) connections for a Private Internet Protocol service.

Permanent Virtual Connection (PVC) Form

The PVC form enables you to order permanent virtual connection circuits for a Private Internet Protocol service. The PVC form is activated when the **REQTYP** field is **P - Private Internet Protocol (PIP) Service** and the **PVCI** field is populated in the Administrative Section - 2 window.

New Fields

Administrative (ADMIN) Form

- End User Indicator (EU)
- Number of Permanent Virtual Connections (NPVC)
- Permanent Virtual Connection Indicator (PVCI)

Additional Circuit Information (ACI) Form

- Access Circuit ID (ACCESS-CKT)
- Ethernet Access Supplemental Bandwidth (EASBDW)
- Optical Fiber Connector (PRILOC)
- Optical Fiber Connector (SECLOC)
- Second Internet Protocol Address (IP ADDRESS2)
- Second Internet Protocol Address Identifier (IPAI2)
- Second Subnet Mask (SUBNET MASK2)

Ethernet Virtual Connection (EVC) Form

- Egress Profile Selection (EPS)
- Virtual Private Network Name (VPN-NM)

Confirmation Notice (CN) Form

- Access Circuit Order Number (ACCESS ORD)
- Access Circuit ID (ACCESS-CKT)

Dedicated Internet Service (DIS) Form

- Access Type (ACCTYP)
- Autonomous System Number (ASN)
- Cross Connect Equipment Assignment (CCEA)
- Diverse Circuit ID (DIVCKT)
- Diverse Purchase Order Number (DIVPON)
- Ethernet Access Supplemental Bandwidth (EASBDW)
- General Exchange Tariff Options Billing Telephone Number (GBTN)
- General Exchange Tariff Options Contact Name (GCON)
- General Exchange Tariff Options Code (GETO)
- General Exchange Tariff Options Telephone Number (GTEL)
- Internet Protocol Address (IP ADDRESS)
- Internet Protocol Address Identifier (IPAI)
- Link Aggregation Group ID (LAG-ID)
- Link Aggregation Group Protection (LAG-P)
- Network Channel Code (NC)
- Network Channel Interface Code (NCI)
- Other Exchange Company (OTC)
- Profile Egress (PROFE)
- Router Location (ROUTER)
- Supplemental Bandwidth (SBDW)
- Second Internet Protocol Address Identifier (IPAI2)
- Second Internet Protocol Address (IP ADDRESS2)
- Secondary Location (SECLOC)
- Secondary Network Channel Interface Code (SECNCI)
- Special Routing Code (SR)
- Subnet Mask (SUBNET MASK)
- Second Subnet Mask (SUBNET MASK2)

Private Internet Protocol (PIP) Form

- Access Circuit ID (ACCESS-CKT)
- Access Type (ACCTYP)
- Cross Connect Equipment Assignment (CCEA)
- Diverse Circuit ID (DIVCKT)
- Diverse Purchase Order Number (DIVPON)
- Egress Scheduler (ES)
- Ethernet Access Supplemental Bandwidth (EASBDW)

- General Exchange Tariff Options Billing Telephone Number (GBTN)
- General Exchange Tariff Options Contact Name (GCON)
- General Exchange Tariff Options Code (GETO)
- General Exchange Tariff Options Telephone Number (GTEL)
- Internet Protocol Address Identifier (IPAI)
- Link Management Protocol (LMP)
- Network Channel Code (NC)
- Network Channel Interface Code (NCI)
- Other Exchange Company (OTC)
- Profile Egress (PROFE)
- Router Location (ROUTER)
- Second Internet Protocol Address Identifier (IPAI2)
- Secondary Location (SECLOC)
- Secondary Network Channel Interface Code (SECNCI)
- Special Routing Code (SR)

Permanent Virtual Connection (PVC) Form

- Autonomous System Number (ASN)
- Bandwidth (BDW)
- Data Link Connection Identifier (DLCI)
- Egress Profile Selection (EPS)
- Level of Service Name (LOS)
- Level of Service Activity Indicator (LOSACT)
- Level of Service Reference Number (LREF)
- Permanent Virtual Connection Activity Indicator (PVCACT)
- Permanent Virtual Connection Circuit Identifier (PVCID)
- Permanent Virtual Connection Number (PVC NUM)
- Permanent Virtual Connection Customer Circuit Reference (PVCCKR)
- Service and Product Enhancement Code (SPEC)
- Service and Product Enhancement Code (SPEC)

Switched Ethernet Services (SES) Form

- Work Authorization Circuit Detail 1 (WACD1)

Service Address Location Information (SALI) Form

- Optical Fiber Connector (OFC)

Modified Fields

Administrative Form

- The length of the **Case Number (CNO)** field has been increased from 12 to 16.

Additional Circuit Information (ACI) Form

- The **UNI Maximum Service Frame Size (UNI-MSFS)** field has been renamed to **Maximum Service Frame Size (MSFS)**.

Clarification/Notification Request (C/NR) Form

- The **Ethernet Virtual Connection/Virtual Connection Number (EVC/VC NUM)** field has been renamed to **Virtual Connection Number (VC NUM)**.

Confirmation Notice (CN) Form

- The length of the **Case Number (CNO)** field has been increased from 12 to 16.
- The **Ethernet Virtual Connection Customer Circuit Reference (EVCKR)** field has been renamed to **Virtual Connection Customer Circuit Reference (VC CKR)**.
- The **Ethernet Virtual Connection Circuit Identifier (EVCID)** field has been renamed to **Virtual Connection Circuit Identifier (VC ID)**.
- The **Ethernet Virtual Connection Order Number (EVCORD)** field has been renamed to **Virtual Connection Order Number (VC ORD)**.
- The **Ethernet Virtual Connection/Virtual Connection Number (EVC/VC NUM)** field has been renamed to **Virtual Connection Number (VC NUM)**.

End User Special Access (EUSA) Form

- The **UNI Maximum Service Frame Size (UNI-MSFS)** field has been renamed to **Maximum Service Frame Size (MSFS)**.

Switched Ethernet Services (SES) Form

- The **UNI Maximum Service Frame Size (UNI-MSFS)** field has been renamed to **Maximum Service Frame Size (MSFS)**.

Transport Form

- The **UNI Maximum Service Frame Size (UNI-MSFS)** field has been renamed to **Maximum Service Frame Size (MSFS)**.

ASOG Issues Implemented

[Table 1](#) describes the Access Service Ordering Guidelines (ASOG) issues that have been implemented in this release.

Table 1 ASOG Issues

Issue Number	Description
3505	<p>The following changes have been implemented for various fields:</p> <ul style="list-style-type: none"> ■ UI and API usage validation ■ Valid entry notes <p>The following new forms have been added:</p> <ul style="list-style-type: none"> ■ Dedicated Internet Service (DIS). See "Dedicated Internet Service (DIS) Form" for the list of new fields in this form. ■ Private Internet Protocol (PIP). See "Private Internet Protocol (PIP) Form" for the list of new fields in this form. ■ Permanent Virtual Connection (PVC). See "Permanent Virtual Connection (PVC) Form" for the list of new fields in this form. <p>The following new fields have been added in the Administrative (ADMIN) form:</p> <ul style="list-style-type: none"> ■ End User Indicator (EU) ■ Number of Permanent Virtual Connections (NPVC) ■ Permanent Virtual Connection Indicator (PVC I) <p>The following new fields have been added in the Additional Circuit Information (ACI) form:</p> <ul style="list-style-type: none"> ■ Access Circuit ID (ACCESS-CKT) ■ Ethernet Access Supplemental Bandwidth (EASBDW) ■ Optical Fiber Connector (PRILOC) ■ Optical Fiber Connector (SECLOC) ■ Second Internet Protocol Address (IP ADDRESS2) ■ Second Internet Protocol Address Identifier (IPAI2) ■ Second Subnet Mask (SUBNET MASK2) <p>The following new fields have been added in the Ethernet Virtual Connection (EVC) form:</p> <ul style="list-style-type: none"> ■ Egress Profile Selection (EPS) ■ Virtual Private Network Name (VPN-NM) <p>The following new fields have been added in the Confirmation Notice (CN) form:</p> <ul style="list-style-type: none"> ■ Access Circuit Order Number (ACCESS ORD) ■ Access Circuit ID (ACCESS-CKT) <p>The following new fields have been added in the Service Address Location Information (SALI) form:</p> <ul style="list-style-type: none"> ■ Optical Fiber Connector (OFC)
3516	<p>The UNI Maximum Service Frame Size (UNI-MSFS) field has been renamed to Maximum Service Frame Size (MSFS) in the following forms:</p> <ul style="list-style-type: none"> ■ Additional Circuit Information (ACI) ■ End User Special Access (EUSA) ■ Switched Ethernet Services (SES) ■ Transport

Table 1 (Cont.) ASOG Issues

Issue Number	Description
3522	The length of the Case Number (CNO) field has been increased from 12 to 16 in the following forms: <ul style="list-style-type: none">■ Administrative■ Confirmation Notice (CN)
3527	The following new field has been added in the Switched Ethernet Services (SES) form: <ul style="list-style-type: none">■ Work Authorization Circuit Detail 1 (WACD1)

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