CS 1000 Release 7.5 Dependency List and Service Pack Now Available

Date: 18 January 2011

Background:

This bulletin communicates the Release 7.5 Call Server Dependency Lists and Linux Service Pack to support Communication Server 1000 systems. It is Important to refer to the installation steps necessary for the updates being delivered with this Service Pack.

Analysis:

CS 1000 CALL SERVER DEPENDENCY LISTS:

Dependency Lists are available from Enterprise Solutions PEP Library to support the patch requirements for the Call Servers on Release 7.5 (07.50Q). The supported platforms are CPPM, CPPIV and CPPL (CoRes CPPM). Call Server Deplists are available from the ESPL website (<http://support.avaya.com/espl>) under the PEP Dependency Tools section:

Select **Production PEP Dependency Lists**
Select **Release**: Generic **X21**
- Release **07** Issue **50Q**
Select **All List Types**
Select your Call Server Machine type: CPP4 or CPPM or CPPL (CPPL also supports CPDC platforms)

CS 1000 APPLICATIONS (LINUX) SERVICE PACKS

The Service Pack to support the requirements for the Linux-based elements (OS, base layer, and base applications) for CS 1000 Release 7.5 (7.50.17) are also available on ESPL.

A Service Pack (SP) is a single file that contains a bundle of multiple patches and serviceability updates (SU's) for a specific product release.

Service Packs are available from the ESPL website http://support.avaya.com/espl under the PEP Dependency Tools section:

Select - Production RLS 6.0 and higher Linux Service Packs
From the available dropdowns select **Linux**
- Release **7.50** Issue .**17**

You can view the content to be delivered via the SP bundle - Click on VIEW

Download the Service Pack Bundle (you must rename from .zip to .ntl)

© 2008 Avaya Inc. All Rights Reserved. **Avaya Proprietary – Use pursuant to Company instructions.**

Recommendations:

The Enterprise Solutions PEP Library (ESPL) provides online access to the Linux corrective content: It is recommended to download the Dependency List and Service Pack to ensure all requirements are installed to the elements.

The Special Instructions below per Required Actions must be followed for the first time installation of LinuxBase, PatchWeb or BaseWeb Application SU's (when applicable); and whenever a newer version is available.
If these instructions are not followed, this will result in a Patch activation failed error message.

In general, if the Service Pack contains the following SUs, they will need to be installed individually first before installing the Service Pack if the SUs contain fixes to the patching framework: (These steps are also required when performing maintenance updates using the Linux SP Delta Tool.)

cs1000-linuxbase-x.xx.xx.xx-xx
cs1000-patchWeb-x.xx.xx.xx-xx
cs1000-baseWeb-x.xx.xx.xx-xx

If the system targets already have the same or higher versions of the SUs provided with this Service Pack version (ie: SP dated 20110118 or later), then it would not be necessary to apply them individually prior to the SP deployment. In general, it is only necessary to deploy these SUs and following these special steps when a new SU version is delivered for Linux Base, BaseWeb and PatchWeb applications. These SU's are also included in the Service Pack to ensure they will be retained during next Service Pack update. **There is currently no PatchWeb SU required for Release 7.5.**

Required Actions:

Refer to the following Special Instructions:

1) From the ESPL website, (http://support.avaya.com/espl) go to the Linux Service Packs menu
Download the Linuxbase and Baseweb SU's posted as individual files on the Linux SP page.
Download the files individually to your desktop. (This info is highlighted as special instructions on the SP menu. These SU's (when applicable) are posted individually and downloadable from this location for your convenience)

cs1000-linuxbase-7.50.17.04-00.i386.000
cs1000-baseWeb-7.50.17.01-1.i386.00

2) Next proceed to download the Service Pack (SP). The SP will identify the Date via the View Menu and within the SP file name (Service_Pack_Linux_7.00_20_20110118.zip). The date is applicable to the SP Release date.

NOTE: It is **important** to rename the SP zip file to a .**ntl** naming convention before patch deployment.

Linux SP Installation Instructions :

The installation sequence is:

1. Install the latest 'linuxbase' SU on the UCM Primary Security using CLI. (download individual file posted on SP webpage; or can be extracted from SP) (See Communication Server 1000 Patching Fundamentals NN43001-407 for details on CLI patch commands).

2. Install the Linuxbase SU (cs1000-linuxbase-7.50.17.xx-xx.i386.000.ntl) to /var/opt/nortel/patch directory.
(Use file transfer tool such as http://winscp.net/, Login and transfer will require 'admin2' account)

© 2008 Avaya Inc. All Rights Reserved.

- pload cs1000-linuxbase-7.50.17.xx-xx.i386.000.ntl
- pins <patch handle #>

3. Install the Baseweb SU on the UCM Primary Security using CLI.

4. Install the Baseweb SU (cs1000-baseWeb-7.50.17.xx-xx.i386.000.ntl) to /var/opt/nortel/patch directory
   - pload cs1000-baseWeb-7.50.17.xx-xx.i386.000.ntl
   - pins <patch handle #>

5. Next deploy the Service Pack to the Primary Server (from UCM - Patch Manager)

6. Next deploy the LinuxBase SU to the Backup/Member Servers via UCM Patch Manager

7. Deploy the Service Pack to the Backup/Member Servers using UCM Patch Manager (Base Manager or CLI can also be used)

Once these SUs and the Service Pack have been applied as described above, subsequent SP installation would not require separate installation of the SUs. If there are further changes to the SUs requiring separate installation again, it will be communicated in an updated Bulletin.

Software Upgrade Advisories

Release 7.0 to Release 7.5 Upgrade Procedures

Prior to upgrade/migration to Release 7.5, please ensure that the latest Deplist/SP is installed for the current release of software on your system. (Refer to Product Bulletin - CS 1000 Release 7.0 Dependency List and Service Pack Updates are Available; Dated: 12 January 2011)

- **CPPM as a Primary UCM/DM server having Disk Space issue**

  Prior to upgrading you need to bring the R7.0 Servers (Primary and Members) to the current SP version first, especially for CPPM to ensure that all space utilization fixes have been deployed.

  Apply SP operation:
  The latest Release 7.0 SP would have to be loaded for the fixes to be effective.
  The recommended SP loading operation steps would be:
  - Fresh install or Upgrade CPPM server (as Primary/DM server)
  - Upload & Activate latest Linux SP (that includes the UCM/Base/PM SUs)
  - DM uploading of application NAI distributions
  - DM Deployment of applications

.
If you require further assistance, please contact your Technical Service Representative.

References:

- Avaya Product Bulletin: Communications Server 1000 Release 7.5
- Communication Server 1000 Patching Fundamentals NTP, 7.5; NN43001-407

© 2008 Avaya Inc. All Rights Reserved. **Avaya Proprietary – Use pursuant to Company instructions.**

- Avaya Product Bulletin: CS 1000 Release 7.0 Dependency List and Service Pack Updates are Available; Dated: 12 January 2011

© 2008 Avaya Inc. All Rights Reserved.