

Mitel MiVoice Connect Release R1804

Release Notes

PBX Software Release 21.88.3731.0

July 2018



Powering connections

About this document

This RN (Release Note) is intended for Customer Service and Installation Personnel involved in the installation and maintenance of the MiVoice Connect systems. The Software Release Notice provides essential, current information to ensure a successful upgrade and installation. The information contained in this document is subject to change in order to provide the most accurate and up-to-date information. Revisions of this document or new editions may be issued to incorporate changes.

MiVoice Connect
RELEASE R1804 Onsite
July 2018

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Powering connections

Overview

The Release Notes contains the most current MiVoice Connect R1804 Onsite software release information for the MiVoice Connect PBX , 400 Series Phone, and Client. At a high level the main items for this release are:

- Product enhancements
 - Option to download from the Repo Server
 - Support for the ECC, EGW and SMR on Hyper-V2016 Gen 1
 - CentOS 7.3. to 7.4 upgrades that contain several Security fixes
 - Separate 400 Series Phone Firmware software download and Installation
 - Several Connect Client changes that are listed in detail below
- Functional Changes
 - Several of the full width switches are no longer supported. These need to be removed prior to upgrading.

There have been several changes to the [Migration Notes](#). Please review them in their entirety.

Product Enhancements and Functional Changes

Product Enhancements

Connect PBX Features - 21.88.3731.0
Included option to download packages (OS/Mitel application software) from Managing Server (HQ or WinDVS) or Mitel Managed repo server.
ECC, EGW, SMR newly supported HyperV installation and migration from VMWare to HyperV2016 Gen1.
CentOS Upgrade - (CentOS7.3 to CentOS 7.4) on Virtual appliances (LDVS, vSwitches, VSA and Physical Service appliance like SA100/400). This feature has fixes for Security Vulnerability issues including VSA vulnerability, Spectre and Meltdown.

Connect IP400 Phone Series Features - 804.1804.1006.0
Separate 400 Series Phone firmware download is now available to download and install separately from the PBX – Please refer to the o the Migration Notes for the new procedure for installing this software.

Connect Client Features - 213.100.3271.0
Updating execution & package file name from ShoreTel to Mitel
Improved UI for Contact Card
Add Helper text in event creation screen

Update UX for create event
Make the display information consistent for both reservation-less conference and event
Show details of reservation-less conference on create event page
Option to use reservation-less conference bridge when creating the new event
Show copied popup on profile page
Make participant url clickable on profile and create event page
Update Error handling for event creation
Enhancements to loading screen for event creation
Update Event details screen
Update Select layout button/ menu in contact card
Updates to Answer Icon
External Assignment Number of Rings Warning improvements
View Group enhancements
Create Group enhancements
Show Park call option in contact card
Update Tooltips with Common Component
Group Name Placement enhancements
Remove ShoreTel branding
Connect Client 2nd panel "Contacts" header --- "Sort" & "Change View" popup UI enhancements
Edit Group enhancements
Enhancements to UI in conference contact card
Enhancements to the create/update reservation-less conference screen
Show more specific error message on create/update reservation less conference
Update the "Remove Participant" icon in Endo
In Connect client profile screen --- "Sign in with LinkedIn" pop up -- line color and popup shadow improvements

See the [Mitel MiVoice Connect Feature Compendium](#) article for the list of prior features

Functional Changes

- 1) Starting with R1804 five switches (SG-40, SG-60, SG-120, SG-T1 and SG-E1) are not supported. Sites with these switches will be prevented from upgrading in software to R1804. More detail on this and more can be found in the [Life Cycle Bulletin 18007](#).

Software Release History

PBX Software Load	Release Name	Release Date
21.88.3731.0	R1804 - Onsite	Jun 2018
21.87.9727.0	R1803 - Onsite	May 2018
21.87.3629.0	R1801 - Onsite	Feb 2018
21.86.1828.0	R1711 - Onsite	Jan 2018
21.84.5543.0	R1707 - Onsite - SP2	Dec 2017
21.84.5535.0	R1707 - Onsite - SP1	Oct 2017
21.84.5523.0	R1707 - Onsite	Sep 2017
21.82.9645.0	R1704 – Onsite - SP2	Aug 2017
21.82.9630.0	R1704 - Onsite - SP1	Jul 2017
21.82.9623.0	R1704 - Onsite	Jun 2017

Software and Firmware Versions

R1804 Build Dates

PBX Build Date: May 05, 2018
 IP 400 Series Phone Firmware Build Date: May 04, 2018
 Client Build Date: May 04, 2018

PBX and Client Versions

PBX Engineering Build Number: 21.88.3731.0
 Server Software Version: 21.88.3731.0 (*View on Director Server Maintenance Page*)
 Distributed Software Version: 21.88.3731.0 (*View on Director Server Maintenance page*)
 Client Software Version: 213.100.3271.0 (*View in the Client's Help About screen*)
 Telephony for Microsoft Software Version: 213.100.3271.0

Switch Versions

Switch Firmware Version: 21.88.3731.0 (*View in Director Voice Switch Maintenance Page*)
 Switch (1/2-width) Boot ROM Version: 1.1.3.29 (*View in Director Voice Switch Maintenance Page*)
 Switch (V-switch) Boot ROM Version: 1.1.3.29 (*View in Director Voice Switch Maintenance Page*)
 Switch (full width) Boot ROM Version: 8.2.232 or greater (*View in Director Voice Switch Maint Page*)
 Switch SG24A Boot ROM Version: 8.2.232 or greater (*View in Director Voice Switch Maint Page*)
 Switch ST50A/ST100A Boot ROM Version: U-Boot 2011.03 V11
 Switch ST100DA Boot ROM Version: U-Boot 2011.03 V11
 Switch ST1D/ST2D Boot ROM Version: U-Boot 2011.03 V11
 Switch ST200/ST500 Boot ROM Version: U-Boot 2011.03 V11
 Switch ST24A/ST48A Boot ROM Version: U-Boot 2011.03 V11

Phone Versions

IP-110 Firmware Version: S03.9.12 (*View in Director IP Phone Maintenance page*)
 IP-115 Firmware Version: S01.3.9.12 (*View in Director IP Phone Maintenance page*)
 IP-212K Firmware Version: S12.3.9.12 (*View in Director IP Phone Maintenance page*)
 IP-230 Firmware Version: SEV.3.9.12 (*View in Director IP Phone Maintenance page*)
 IP-230g Firmware Version: SEV.3.9.12 (*View in Director IP Phone Maintenance page*)
 IP-265 Firmware Version: S36.3.9.12 (*View in Director IP Phone Maintenance page*)

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IP-530 Firmware Version:	S26.3.9.12 (View in Director IP Phone Maintenance page)
IP-560 Firmware Version:	S26.3.9.12 (View in Director IP Phone Maintenance page)
IP-560g Firmware Version:	S6G.3.9.12 (View in Director IP Phone Maintenance page)
IP-565g Firmware Version:	S6C.3.9.12 (View in Director IP Phone Maintenance page)
IP-655g Application Firmware Version:	SWE.4.4.14 (View in Director IP Phone Maintenance page)
IP-655g Boot Rom Firmware Version:	SWE.4.4.10 (View in Director IP Phone Maintenance page)
BB-24 Firmware Version:	SBB.3.9.12 (View in Director IP Phone Maintenance page)
IP8000 Firmware Version:	4.5.2(9) (View in IP8000 GUI Maintenance page)
IP930D Phone (DECT Phone):	SD1.0.0.63 (View in Director IP Phones page)
IP930D Phone Boot Version	SD1.0.0.56 (View in IP930D Manager or handset)
IP930D Phone Application Version	v.63 (View in Diagnostics & Monitoring)
IP930D Phone handset firmware	v.95 (View in IP930D Manager or handset)
IP930D Phone Base station firmware	v.95 (View in IP930D Manager or handset)
IP930D Phone Repeater firmware	v.39 (View in IP930D Manager or handset)
IP8430M Phone (Multi-Cell DECT Phone)	v.4.00 B1 (View in Director IP Phones page)
IP8630M Phone (Multi-Cell DECT Phone)	v.4.00 B1 (View in Director IP Phones page)
IP8830M Phone (Multi-Cell DECT Phone)	v.4.00 B1 (View in Director IP Phones page)
IP8860M Phone Base station firmware	v.4.00 B1 (View in IP8860M Manager or handset)
IP4024M Repeater Firmware	v.4.00 B1 (View in IP8860M Manager or handset)
IP420 Firmware Version	804.1804.1006.0 (View in Director Diag & Monitor IP Phones pg)
IP420g Firmware Version	804.1804.1006.0 (View in Director Diag & Monitor IP Phones pg)
IP480 Firmware Version	804.1804.1006.0 (View in Director Diag & Monitor IP Phones pg)
IP480g Firmware Version	804.1804.1006.0 (View in Director Diag & Monitor IP Phones pg)
IP485g Firmware Version	804.1804.1006.0 (View in Director Diag & Monitor IP Phones pg)
IPBB424 Firmware Version	804.1804.1006.0 (View in Director Diag & Monitor IP Phones pg)

Application Requirements

You must meet the minimum software level requirements for each application listed below so that the applications will function correctly with this Release.

Application	Minimum Software Level Requirements
Mitel Main and Distributed Servers (Standalone, VMware and Hyper-V)*	<ul style="list-style-type: none"> Windows Server 2016 (Standard or Datacenter Editions only) Windows Server 2012 R2 (Standard or Datacenter Editions only) (64-bit version) Windows Server 2008 R2 (Standard and Enterprise Editions only) with SP1 (64-bit version) Microsoft Hyper-V Gen 1 and 2 on Microsoft Windows 2012 R2 – Support for HQ, WDVS, LDVS, vSwitch, Virtual Service Appliance and Contact Center Microsoft Hyper-V Gen 1 on Microsoft Windows 2016 - HQ Server, WDVS, LDVS, vSwitch, and Virtual Service Appliance VMware 6.0 & 6.5 – Support for HQ, WDVS, LDVS, vSwitch, Virtual Service Appliance, vMobility, Virtual Edge Gateway and Contact Center
Mitel supplied SBE / Distributed Servers (Branch Office Bundles)	<ul style="list-style-type: none"> UC25 - Windows Server 2012 Standard R2 UC30 – Windows Server 2016 Standard UC75 – Windows Server 2016 Standard
Mitel Desktop Client for Windows	<ol style="list-style-type: none"> Microsoft Windows 7 Enterprise 64 bit SP1 Microsoft Windows 7 Professional 32 bit SP1 Microsoft Windows 8 Prof.I and Enterprise, 32 and 64-bit Microsoft Windows 8.1 Enterprise, 32 and 64-bit Microsoft Windows 10 Prof. and Enterprise, 32 and 64-bit WTS (30 Clients) Citrix XenApp 7.6 LTSR (30 Clients) Citrix XenDesktop Support

Application	Minimum Software Level Requirements
Mitel Desktop Client for MAC OS X	<ul style="list-style-type: none"> • Apple OS X 10.11.x • Apple OS X 10.12.x
VMware	<p>VMware – Support for Mitel HQ WDVS, LDVS, vSwitch, Virtual Service Appliance and vMobility, Virtual Edge Gateway and Connect Center is as follows (this includes support for High Availability and VMotion):</p> <ul style="list-style-type: none"> • VMware ESXi 6.0 & 6.5 • VMXNet3 Virtual adapter not the E1000 <p>The following two VMware features are not supported:</p> <ol style="list-style-type: none"> 1. Fault tolerance is not supported. 2. Snapshots not supported. These can consume significant CPU and memory resources impacting system operation. <p>Note: Unless specifically in Mitel documentation or Mitel App Notes, third party solutions are not supported on Mitel virtual machines. Please check with the third-party solution vendor for their compatibility in a virtual environment and their level of support with virtual machines.</p>
Hyper-V	<ul style="list-style-type: none"> • Microsoft Hyper-V Gen 1 and 2 on Microsoft Windows 2012 R2 – Support for HQ, WDVS, LDVS, vSwitch, Virtual Service Appliance and Contact Center • Microsoft Hyper-V Gen 1 on Microsoft Windows 2016 - HQ Server, WDVS, LDVS, vSwitch, EGW, SMR, Contact Center and Virtual Service Appliance <p>*Note: Hyper-V Replica or Snapshots can only be performed during service shutdown periods.</p> <p>The following Hyper-V features are not supported:</p> <ol style="list-style-type: none"> 1. Double Take <p>Note: Unless specifically in Mitel documentation or Mitel App Notes, third party solutions are not supported on Mitel virtual machines. Please check with the third-party solution vendor for their compatibility in a virtual environment and their level of support with virtual machines.</p>
Internet Browsers for Director	<ul style="list-style-type: none"> • Internet Explorer 11 • Firefox 59.0.2 • Google Chrome 65.0.3325.181 (64-bit) • Safari 11.1 • MS Edge 41.16299.371.0
Mitel Connect (Fax & Scribe)	<ul style="list-style-type: none"> • Mitel Connect for Sky Scribe • Mitel Connect for Sky Fax
SoftPhone Headset	<p>The SoftPhone feature is compatible with most USB-based headsets that use standard Windows USB driver. Mitel does not support Bluetooth headsets that connect directly to the PC's Bluetooth port. The user experience with Bluetooth headsets has</p>

Application	Minimum Software Level Requirements
	proven to be disappointing in office environments because of interferences from corporate WiFi networks. However, the Mitel SoftPhone is compatible with headsets such as the Plantronics Voyager Bluetooth system that connects the Bluetooth headset to the PC via a USB base.
Microsoft Office	<ul style="list-style-type: none"> • Microsoft Exchange Server 2010, 2013 and 2016 • Microsoft Outlook 2010, 2013, 2016 and Office 365
Mitel IM Server	<ul style="list-style-type: none"> • SA-100: 21.88.3731.0 • SA-400: 21.88.3731.0
Mitel Connect Contact Center	<ul style="list-style-type: none"> • Connect Contact Center 507.84.8206 and greater
SIP-BRI-8	<ul style="list-style-type: none"> • Version R3.T 2006-10-04 • T.38 is not supported
SIParator (Hardware and Software - only model)	<p>Hardware SIParator</p> <ul style="list-style-type: none"> • SIParator 5.0.6 <p>Software SIParator</p> <ul style="list-style-type: none"> • X86 • VMWare
Mitel Connect Mobility	<ul style="list-style-type: none"> • Mitel Mobility Router 9.5.1805.111 (SMR) and greater • Mitel Mobility Router Appliances: MR2000, MR4000, and MR6000
VPN Concentrator	<ul style="list-style-type: none"> • VPN Concentrator 4500, FW 11.6.1.7 • VPN Concentrator 5300LF, FW 11.6.1.7 • VPN Concentrator 4550, FW 13.12.6.2 • VPN Concentrator 5300 LF2, FW 13.12.6.2 • VPN Concentrator 7301, FW 13.12.6.2
Mitel Connect Telephony for Microsoft	<ul style="list-style-type: none"> • Lync Plugin 213.100.3271.0
Multi-cell DECT Phones (Firmware: 355.16) [EU Only]	<ul style="list-style-type: none"> • Phone models: 8430, 8630, and 8830 • Base: 8860 • Repeater: V39
Double Take (Disaster Recovery)	<ul style="list-style-type: none"> • Double Take 8.0.0.1554.0
Edge Gateway	<ul style="list-style-type: none"> • See VMWare
Mitel Unified Communication Bridge	<ul style="list-style-type: none"> • SA-100: 21.88.3731.0 • SA-400: 21.88.3731.0

Documentation

[Mitel MiVoice Connect Migration Guide](#)

[Mitel MiVoice Connect System Administration Guide](#)

[Mitel MiVoice Connect Planning and Installation Guide](#)

[Mitel MiVoice Connect Maintenance Guide](#)

MiVoice Connect R1804

[Mitel MiVoice Connect Release Build Notice](#)

[Administration Guide for Connect Edge Gateway](#)

[Connect Client User Guide](#)

All of the above documentation has been updated for this release. In addition these two documents have been updated to align with the changes to Hyper-V support with this Release:

[Mitel Virtual Mobility Router Installation Guide](#)

[Mitel MiVoice Connect Contact Center Installation Guide](#)

Training

[Mitel University training](#)

[Learn Now](#)

Important Links

The Mitel Connect Build Notes provide essential, current information to ensure a successful migration and installation. This includes supplemental information to the current Mitel documentation suite available on the Mitel support web site (<http://oneview.mitel.com>).

Mitel product enhancements are emailed to: <https://oneview.mitel.com/s/ideas> Mitel uses your feedback to establish content for future releases.

Installation and Upgrade Notes

1) Microsoft Updates

- Mitel recommends that the customers install the latest Microsoft updates prior to installing or migrating to Mitel Connect.
- This build was tested with all available and automatically installed Microsoft Server updates (important and recommended) as published on or before **June 22, 2018**. So, if you are an existing Connect Onsite customer, please look at the table below to find whether you can install the tested Microsoft updates on your server without upgrading the entire Connect system.

Release	Build
R1804 - Onsite	21.88.3731.0
R1803 - Onsite	21.87.9727.0
R1801 - Onsite*	21.87.3629.0
R1711 - Onsite	21.86.1828.0
R1707 - Onsite - SP2	21.84.5543.0
R1707 - Onsite - SP1	21.84.5535.0
R1707 - Onsite	21.84.5523.0
R1704 - Onsite - SP2	21.82.9645.0
R1704 - Onsite - SP1	21.82.9630.0
R1704 - Onsite	21.82.9623.0

- *Ensure [KB2919355](https://support.microsoft.com/kb/2919355) is installed on Windows Server 2016 prior to loading the PBX software
- Please click on the link below to know more about the Mitel's policy for Microsoft software updates post installation of Mitel Connect (Note: Login required to access the article): : <https://oneview.mitel.com/s/login/?startURL=%2Fs%2Farticle%2FMicrosoft-Software-Updates-Support-Policy-for-Post-Installation-of-Mitel-Connect-ONSITE&ec=302>
- To research a particular update, please visit the Microsoft website at: <http://www.microsoft.com/security/default.aspx>

2) R1801 and Greater - Windows Server 2016 Standard and Datacenter Installer Prerequisites ISS Version Support

- Review Read_first_for_2016.txt and, if necessary, run the following: ResetIIS_version.vbs, SetIIS_version.vbs in DVD-Rom\2016 Scripts\ folder)

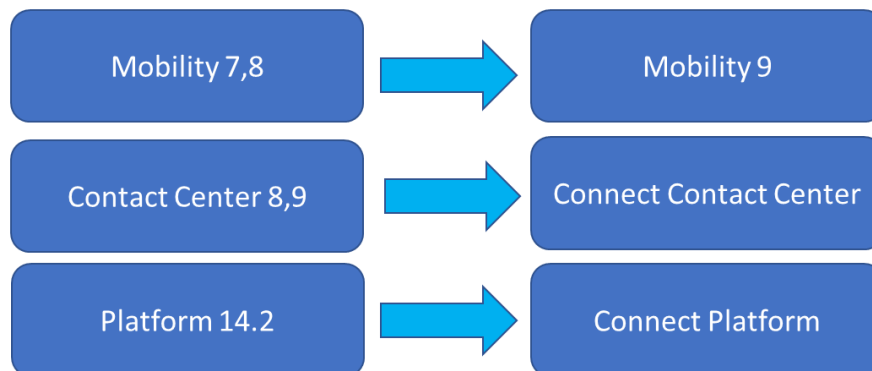
Note: These scripts address the issue that 2016 Server ships with IIS 10 and these PBX prerequisites fail to recognize it as a higher version than IIS 7.0.

3) Starting with R1711 (21.86.1828.0) Features & Changes

- Linux WindRiver to Linux CentOS Migration – This is a mandatory migration and configuration changes are required to the SCSI Controller before or during the upgrade to this build. It is highly recommended to review the SCSI Change Controller video before upgrading virtual appliances to this build. These changes impact:
 - Virtual switch (IP Phone to SIP Trunk)
 - Virtual Service Appliance (Collaboration)
 - Service Appliance (Collaboration) SA-100 and SA-400
 - Linux DVS

- Mitel-Managed Cloud Server – This is a new feature that is not enabled by default. This feature is set in D2 and allows the use of the Mitel Managed Cloud Server to download software for the same switches, Appliances and Linux DVS listed above.
 - Packaging Changes:
 - There will be no standalone installer for Linux DVS. Linux DVS software will be integrated into HQ and Staging Firmware installers; this will streamline the installation process.
 - Virtual appliances (Switches, Linux DVS, and Service Appliance (Collaboration)) will use .iso instead of .ova packaging.
 - Administrators are encouraged to follow the updated references for virtual appliances installation, upgrades and backup/recovery:
 - [Service Alert](#)
 - [SCSI Controller Change Video](#)
 - [Mitel Connect Migration Notes](#)
 - [Planning and Installation Guide](#)
- 3) Mitel ST Switches - Dual stage upgrade is not an option on the first migration to Mitel Connect
- 4) Mitel IP Phones - Automatic phone firmware upgrades is on by default. System administrators will need to disable this feature from Director if manual upgrade of IP Phones is desired.
- 5) Disable the IP Phone Failover
- Disable the IP Phone Failover feature in Director when upgrading from ST13/ST13.x/ST14/ST14.x; otherwise a failover condition will be induced upon the upgrade. The failback is not automatic. It is a manual process to move the users back to their primary switch and not the spare switch.
 - Steps to temporarily disable IP Phone Failover across Sites
 - 1) Log into Director
 - 2) Go to Quick Look page
 - 3) Ensure the checkbox is checked “Temporarily Disable IP Phone Failover Across Sites”
- 6) Migration Paths -The following direct **server upgrade paths** are supported for this release:
- Note: Direct Upgrades from builds prior to ST14.2 are no longer supported starting with R1711 and greater (21.86.1828.0). Sites not on ST14.2 will need to upgrade through an interim build.**

MIGRATION STRATEGY - ONSITE



Direct Mitel Connect migrations from versions prior to those listed above are not supported. Prior versions must first upgrade to a supported direct migration path.

7) Migration from WIN2008 (32 bit) to a supported Connect OS must be done prior to migrating to Connect platform.

9) The UC20 Windows server is not supported with MiVoice Connect

8) For more information, please refer to the Mitel Connect Migration Notes:
<https://oneview.mitel.com/s/article/Mitel-Connect-ONSITE-Migration-Notes>

Resolved Defects

For a running list of resolved issues, including R1804, refer to the [Resolve Issues in Mitel MiVoice Connect](#) article

Known Issues

The following table details known issues in the R1804 software release:

Defect	Description	Workaround
PBX		
ENG-499823	Cannot use IM (Group Chat) in WebConference - users get "Unable to connect to IM Server"	Mitel will resolve this issue in a future release.
ENG-500894	Root CA missing from trusted root store on HQ Windows 2012 Server	Mitel will resolve this issue in a future release.
ENG-543288	Director 2 shows call quality errors but TMSNCC log does not show any problems	Mitel will resolve this issue in a future release.
ENG-548764	After recording AA Prompt with a phone, D2 doesn't save the recording	Mitel will resolve this issue in a future release.
Client		
ENG-492831	Group chat via conference – user receives error “Connection to IM Server can't be established”	Mitel will resolve this issue in a future release.
ENG-496844	Connect Client shows unable to reach server	Mitel will resolve this issue in a future release.
ENG-499823	Cannot use IM group chat in Web-conference – User receives “Unable to connect to IM Server” message	Mitel will resolve this issue in a future release.

Defect	Description	Workaround
ENG-523355	Mitel Conferencing: Web Conferencing User Not Found	Mitel will resolve this issue in a future release.
ENG-548813	Not all Workgroup messages are being displayed on the Connect client	Mitel will resolve this issue in a future release.

Known Product Limitations

Product Limitation	Description
VMware	Mitel Application Note AN10391 "Deploying MiVoice Connect with VMware" must be read. The VMware deployment requires careful planning using those references. One important consideration is a dedicated NIC especially for sites with voice quality issues.
VMware	Disaster Recovery is not supported on servers running on VMware. We will leverage VMware failover options such as HA.
VMware	HA failover option only supported for HQ server. Not for DVS. In addition, no failback is needed since the VM gets moved to a new host in case of HA failover for HQ.
VMware	Fault Tolerance feature is not supported
SA100/400	Call Me feature not working over SIP Tie Trunk
SA100/400	By default, the SA100/400 belongs to a User Group called Audio Conference. Any restrictions on calling need to be configured in this User Group or the SA100/400 needs to be assigned to a different User Group.
SA100/400	Federation: Federation of instant conferences between systems is not a supported feature in the ST14 release; we support the federation only of MeetMe conferences.
SA100/400	Outlook Calendar Integration: Outlook Calendar Integration for SA100/400 is not supported in a configuration in which one user is a delegate for another user and the user tries to create a SA100/400 conference on behalf of another user. The same is true of calendar sharing.
SA100/400	For a recurring Outlook appointment containing a SA100/400 conference, it is not possible to modify the properties of a single occurrence of the conference and have the modification apply to just that one occurrence; the modification ends up applying to all occurrences of the conference.
SA100/400	Disaster Recovery not yet supported
SA100/400	Partitioning not yet supported
SA100/400	Linux Security Patch utility not yet supported

Product Limitation	Description
Distributed Database	Distributed Workgroups are not available with the Distributed Database feature enabled. Distributed Database and Distributed Workgroup cannot both co-exist in this release.
Anti-Virus Software	On the ST Servers, please make sure to exclude the below files on the Virus Checker Exclusion page. c:\Shoreline Data\temp; c:\Shoreline Data\Database\ShoreTelCDR; c:\Shoreline Data\Database\ShoreTelConfig; c:\Shoreline Data\Call Records 2\Data; (NOTE: C:\ path depends on folder where ShoreTel is installed.)
ST Switches	Serial login: Difference from Legacy Switches the Baud rate has increased from 19200 to 115200. SSH Login: Difference from Legacy Switches Mt. Baker is only accessible with the HQ_RSA key (Use Puttygen to create *.ppk key) Difference from Legacy Switches Mt. Baker does not allow telnet access
Spectre and Meltdown Security Vulnerabilities	The Security Advisory for Meltdown and Spectre is posted to the Mitel Security Portal https://oneview.mitel.com/s/article/Security-Alert-for-Spectre-and-Meltdown-Vulnerabilities Remediation for the vulnerabilities requires O/S updates rather than Mitel code changes.
Certificates	Certificates are a key part of the improvements to the security architecture for Connect. If the certificates are not installed properly it may adversely impact your Mitel System. Depending on your customer's needs, Certificates may need to be ordered in advance of the migration. Review the Certificate procedures in Mitel's Technical documentation and listen to Webinars (found by searching on Certificates and Tech Talks)
Mitel ST switches	<ul style="list-style-type: none"> • Dual stage upgrade is not an option on the first migration to Mitel Connect
Mitel IP Phones	<ul style="list-style-type: none"> • Automatic phone firmware upgrades is on by default. System administrators will need to disable this feature from Director if manual upgrade of IP Phones is desired.
ST Switches	Serial login: Difference from Legacy Switches the Baud rate has increased from 19200 to 115200. SSH Login: Difference from Legacy Switches Mt. Baker is only accessible with the HQ_RSA key (Use Puttygen to create *.ppk key) Difference from Legacy Switches Mt. Baker does not allow telnet access