

# VOSS Automate

## Release 21.4 PB1 Overview

March 2023

**VOSS**  
DIGITAL WORKPLACE  
MANAGEMENT



Commercial in Confidence

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# HIGHLIGHTS



- Admin Portal Improvements
- Number Inventory at Intermediate Nodes
- Microsoft Support in Dial Plan Templates
- Microsoft MACD Improvements
- Webex Room Onboarding
- Write Back to Active Directory during Quick Subscriber



**Key Upgrade  
Planning Steps**



# Key Upgrade Planning Steps



- **Secure PowerShell Proxy**
  - Default communication between VOSS Automate and the Microsoft PowerShell Proxy has been changed to HTTPS, the default Port for communication is TCP 5986
  - Changes are required on the Microsoft PowerShell Proxy to enable secure communication, these changes must be made during or immediately after the upgrade 21.4 PB1 to avoid connection failures.
  - It is possible, but not advised, to change VOSS Automate back to insecure communication method by modifying the required data/MSTeamsOnline instances directly and adding a new “winrm\_transport” parameter with a value of “plaintext”
  - Contact VOSS support to assist in the reconfiguration of your winrm driver if required.



**Admin Portal  
Improvements**

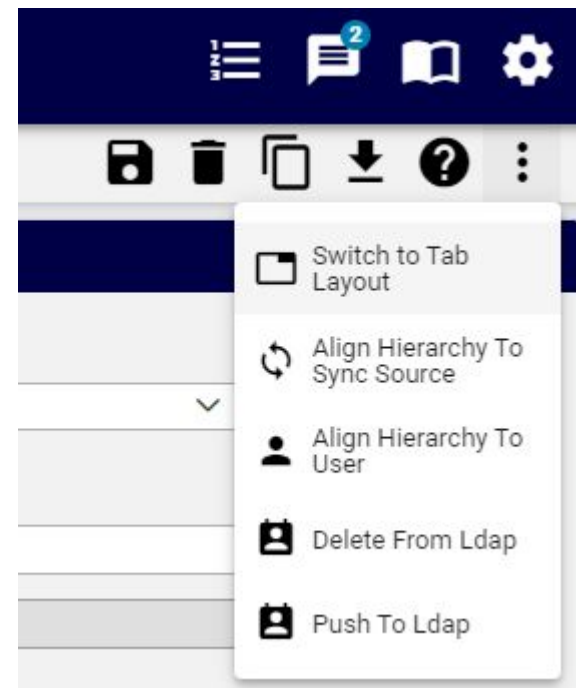


# Admin Portal Improvements



*Extensive enhancements to usability, look and feel, and consolidation of Admin and BAP portal*

- New control button to switch the layout between Panel and Tab for pages that have multiple groups defined in the Field Display Policy



# Admin Portal Improvements



*Extensive enhancements to usability, look and feel, and consolidation of Admin and BAP portal*

- Default display is now Panel layout for all pages that have multiple groups defined in the Field Display Policy, the default display can still be overridden in the Field Display Policy by setting the “Display Group As” value to Tabs or Fieldset, blank value will default to Panel

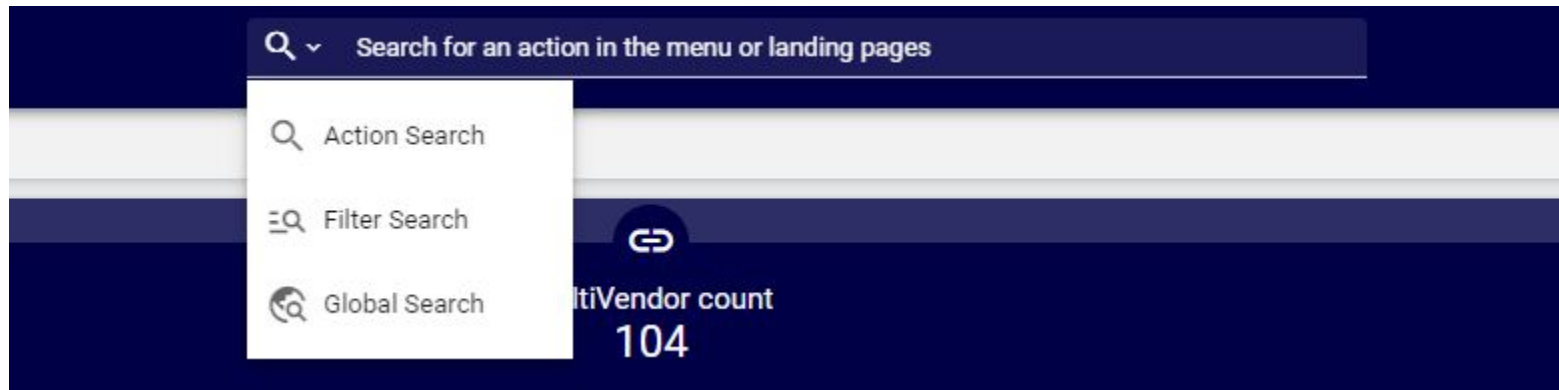
<b>Name *</b>	<input type="text" value="default"/>
<b>Description</b>	<input type="text"/>
<b>Target Model Type *</b>	<input type="text" value="relation/User"/> <span>▼</span>
<b>Display Groups As</b>	<input type="text"/> <span>▼</span>
<b>Groups *</b>	<input type="text" value="Filter (contains)"/> <span>🔍</span>
	<ul style="list-style-type: none"><li>Tabs</li><li>Fieldsets</li><li>Panels</li></ul>

# Admin Portal Improvements



*Extensive enhancements to usability, look and feel, and consolidation of Admin and BAP portal*

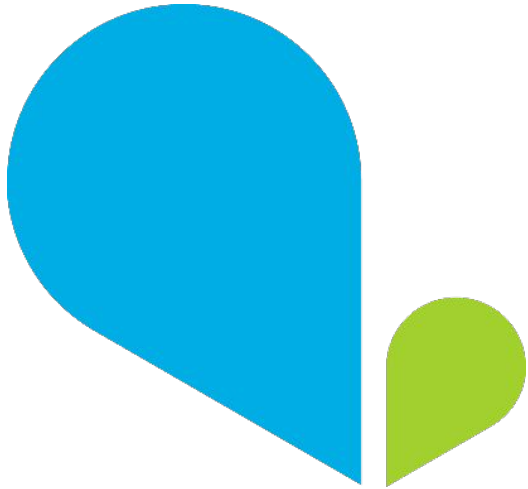
- Search options are now combined into a single tab at the top of the page to streamline Search actions







# Number Inventory at Intermediate Node



# Number Inventory at Intermediate Node

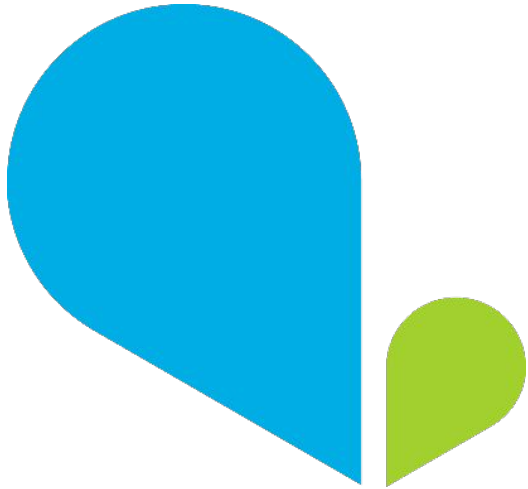


*Adds support for number inventory to live at Intermediate node level - not just Customer and Site*

- Useful for creating pools of shared numbers by multiple sites - create intermediate node and setup inventory at that level, then sites that share under the node
- Audit - only supports site or customer creation of numbers (no logic to determine Intermediate node)
- Numbers can be moved to Intermediate nodes after creation if needed (e.g. if audit created the inventory number at customer/site)
- Create inventory form gives option of intermediate nodes now



# Microsoft Support in Dial Plan Templates



# Microsoft Support in Dial Plan Templates



*Adds support for Microsoft dial plan elements in the dial plan templating tool*

- Ability to define dial plan elements for MS Teams in dial plan templates as we do for Cisco
- Deploy templated dial plan elements at Customer/Site
- Supported elements - CsOnlinePstnGateway, CsOnlinePstnUsage, CsTenantDialplan, CsOnlineVoiceRoute, CsOnlineVoiceRoutingPolicy, CsTeamsTranslationRule

# Microsoft Support in Dial Plan Templates



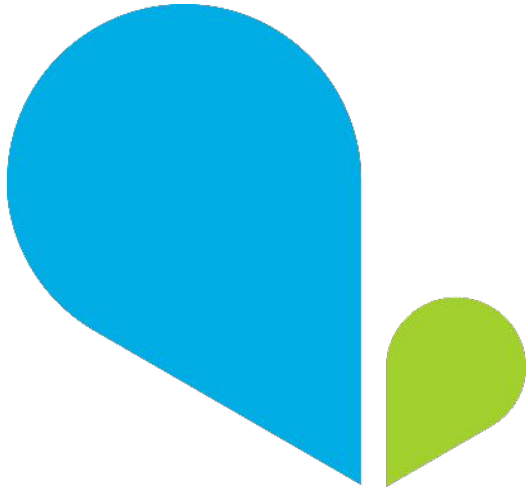
*Adds support for Microsoft dial plan elements in the dial plan templating tool*

<b>Tool Description</b>	Dial Plan Maintenance Tool
<b>Notes</b>	This tool allows you to Push Dial Plan elements to Customer and Site level. The tool can add and remove dial plan elements to/from Call Manager and MS Teams. To remove dial plan element those element must not be locked by an other informix relationships in Call Manager. Be sure any required Global and Site level input data sheets are populated before execution.
<b>Dial Plan Name *</b>	MSCustomerDialPlan
<b>Target Call Manager Cluster</b>	
<b>Target Microsoft Tenant</b>	["MSCustomerTenant", "hcs.CS-P.CS-NB.AAAGlobal"]
<b>Operation</b>	Push Dial Plan

- Microsoft Dial Plan Models
- Tenant Dialplan
- SBC Gateways
- PSTN Usages
- Voice Routes
- Voice Routing Policies
- Translation Rules



# Microsoft MACD Improvements



# Microsoft MACD Improvements



*Changes and additions to streamline the operational processes for MS MACDs*

- Call Settings card on the Subscriber details page (multi vendor subscriber)
- Updated number inventory handling for offboarding and syncs removing a number - cooling, retain key settings (vendor, etc)
- Onboarding (Quick Subscriber)
  - Attempts to avoid staging - sync of Teams user if not present
  - Staging - supports welcome email, now only rolls back failed users (not all)
- Flow Through Provisioning
  - No longer requires - Manage License or Site enabled for Overbuild to work
  - Supports welcome email sending to end user

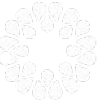
# Microsoft MACD Improvements



*Changes and additions to streamline the operational processes for MS MACDs*

- Offboarding
  - Quick Offboard - no longer requires site selection
  - Sync offboarding - delete improvements when Azure sync remove happens (remove Teams, Exchange, data/User), Teams sync remove includes number inventory
- Call Group Support (under CallingSettings for user)





# Webex Room Onboarding



# Webex Room Onboarding



## *VOSS-1100 - Webex Room onboarding feature*

- Simple onboarding process to enable the full setup of a Room and Device in a single step (assuming device is plugged into the network)
- Onboarding flow for Webex Rooms including:
  - Webex Space creation
  - Registration Code generation
  - Configuration of the Webex Device (directly on the device)
  - Activation of the device

# Webex RoomOS Device Configuration



- Add and activate RoomOS Device to new or existing Workspace/Room

New Devices

✕ +

▼ 172.26.4.16

IP Address *	<input type="text" value="172.26.4.16"/>
Profile *	<input type="text" value="ActivateWebexRoomOSDevice"/>
Username	<input type="text" value="admin"/>
Password	<input type="password" value="....."/>

# Webex RoomOS Device Configuration



- Apply configuration during Activation using Device Configuration Profile

**Name \***

**Configuration Blocks**

- > Configuration
- > Command
- ▼ Activation

**Name \***

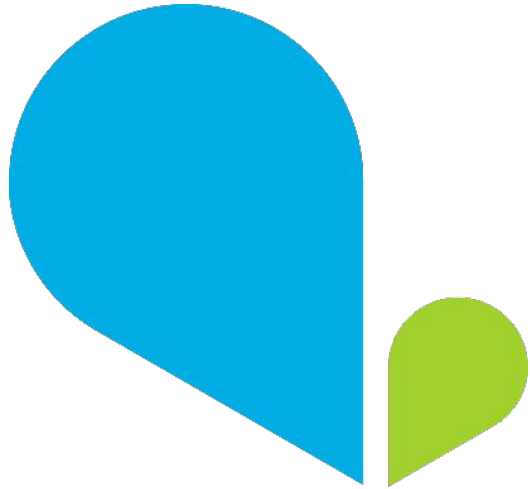
**Body**

```
<Command>
  <Webex>
    <Registration>
      <Start>
        <AccountLinkMode>Asynchronous</AccountLinkMode>
        <ActivationCode>{{ pwf.device_activation_code_api_value }}</ActivationCode>
        <SecurityAction>NoAction</SecurityAction>
      </Start>
    </Registration>
  </Webex>
</Command>
```

**Values**



# Write Back to Active Directory User during Quick Subscriber



# Write Back to Active Directory User during Quick Subscriber



*Update a locally synced AD User during Quick Subscriber provisioning*

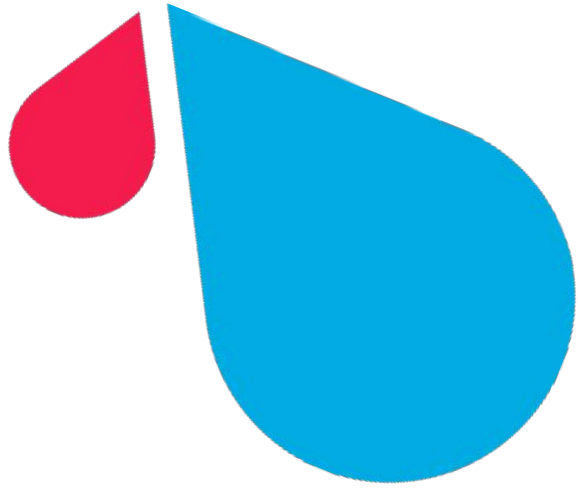
- Enable AD LDAP Server for Write Back
- Customize the generated LDAP User Configuration Template using supplied Macros
- Select the LDAP User Configuration Template on the LDAP User Sync

# Write Back to Active Directory User during Quick Subscriber



Server Type *	<input type="text" value="Microsoft Active Directory"/>	
AD Sync Mode *	<input type="text" value="Direct"/>	🔍
CUCM LDAP Directory Name	<input type="text" value=""/>	🔍
Unique ID	<input type="text" value="1"/>	
Enable Write Operations	<input checked="" type="checkbox"/>	

LDAP Authentication Only	<input type="checkbox"/>
LDAP Write Back Only	<input type="checkbox"/>
User Model Type	<input type="text" value="device/ldap/user"/>
LDAP Write Back Template	<input type="text" value="Ldap_Write_Back_User_10.120.2.221_636_OU=VOSSSOL9557,DC=vossqa,DC=net"/>



**Thank You**



