



OPCON

LTS 22 Overview

S P E A K E R S



Todd Holt

SENIOR PRODUCT MANAGER



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PRODUCT MARKETING MANAGER

WHO IS



TECHNOLOGIES



Our purpose:

To Give Time Back

We do that through:

**Workload
Automation
Software**



AGENDA

- Why upgrade to LTS 22?
- OpCon Managed File Transfer
- OpCon Cloud
- Solution Manager Journey
- Roadmap
- What does it mean for me?



Why upgrade to
LTS 22?



Why upgrade to LTS 22?

With LTS 22, Solution Manager and the OpCon REST API let you:

- Minimize installations and upgrades for supported user workflows & job types:
 - Business Users
 - Daily Operators
 - Developers
- Leverage our new B2B File Transfer agent to automate file transfers with OpCon jobs
 - Migrate away from third-party FTP tools
 - Better performance for large files
 - Support for multi-file (bulk) transfers
- Take advantage of the new capabilities available in the OpCon REST API for expanded support with cross-platform scenarios
- Become familiar with our web-based client as we approach end-to-end feature support across all types of OpCon users



OPCON

MFT

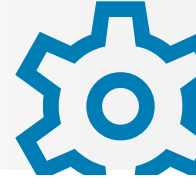
CLIENT

WHY OPCON

Managed File Transfer?

EFFICIENT

- Eliminate third-party dependence
- Increased resources
- File compression / decompression
- File renaming



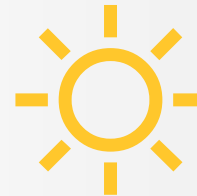
SCALABLE

- Cross-platform file transfers
- Wildcard support for multi-file (bulk) transfers
- Efficiency for large file transfers
- Performance improvements over SMAft



SECURE

- Encryption / decryption
- Audit history
- B2B support



COMPLIANT

- Supports TLS protocol
- Industry-standard file transfer protocols



OPCON MANAGED FILE TRANSFER

What's Included?

- New OpCon Managed File Transfer agent
- B2B file transfer client
- New Managed File Transfer job type
 - FTP/SFTP/FTPS/S3/Azure Blob
 - File compression / decompression
 - File encryption / decryption
- Management of common file transfer components:
 - Endpoints
 - Encryption keys
 - Certificates
- Initial release with LTS 22 includes the new B2B client*
- Foundation for upcoming File Transfer server management
- Learn more about OpCon Managed File Transfer ([view](#))

** The new OpCon File Transfer agent will require a new license. Please contact your Customer Success Manager to get started.*



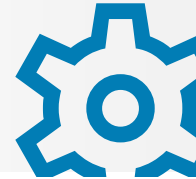
OPCON

CLOUD

WHY OpCon Cloud?

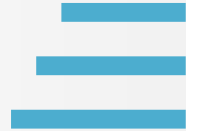
ADAPTABLE

- Get time back
- No additional staff
- Gain flexibility



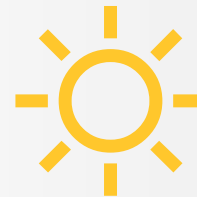
SCALABLE

- No more upgrades
- Always on the latest OpCon
- No expensive hardware
- No software licensing fees



RELIABLE

- Don't fear natural disasters or disruptions
- Backup of your applications and data
- Hosted in Azure
- Encrypted data



UP QUICKLY

- Up and running in as little as 5 business days
- Get connected fast
- Let us do the work, so you can do yours



How Does It Work?

OpCon Cloud uses military-grade VPN encryption to secure connectivity to your IT infrastructure.





- OpCon server
- Solution Manager and Enterprise Manager
- OpCon Deploy, OpCon Vision, & OpCon Self-Service
- VPN connection between OpCon and your environment(s)
- Automatic upgrades and maintenance
- Built-in failover & disaster recovery
- 24/7 US-based support
- Upcoming: *OpCon Managed File Transfer server and SSO*
(1H 2023)

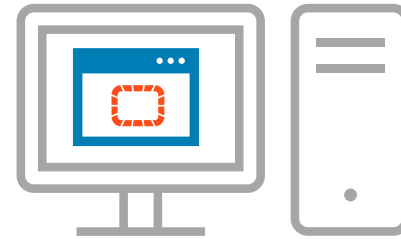
OPCON CLOUD

What's Included?

OpCon Solution Manager

Solution Manager is our web-based user interface (thin client) for interacting with the OpCon platform and its components and supporting services.

- It represents the foundation for future growth in terms of new features, integrations, new solutions, and security.
- Database interactions are secured by the OpCon REST API platform.
- It provides modernization to our user interface and technology stack.
- Being a centralized web-based platform, it simplifies the number of installations and upgrades that need to be managed compared to Enterprise Manager.



**ENTERPRISE
MANAGER**



**SOLUTION
MANAGER**



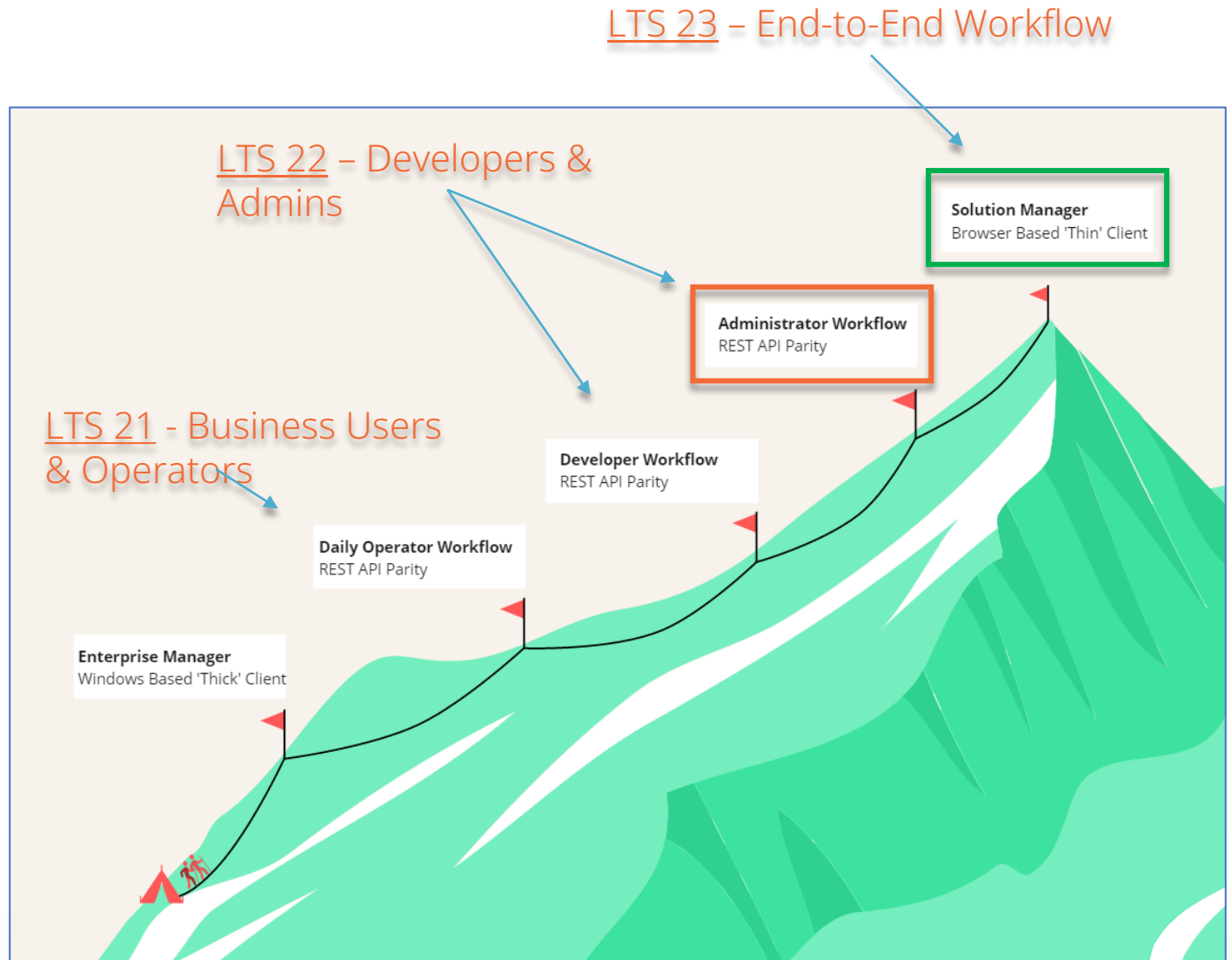
OpCon Platform Journey

We remain focused on bringing full feature parity to Solution Manager and the OpCon REST API.

Building on support for the Daily Operator workflow with LTS 21, the LTS 22 release introduces feature parity for the Developer workflow.

With LTS 22, we've also made progress toward bringing feature parity to Administrators, which represents the final group of features to support end-to-end workflow with the Solution Manager client.

In addition to progress toward feature parity, LTS 22 also introduces new features and solutions with more coming as we look ahead to LTS 23.





OPCON

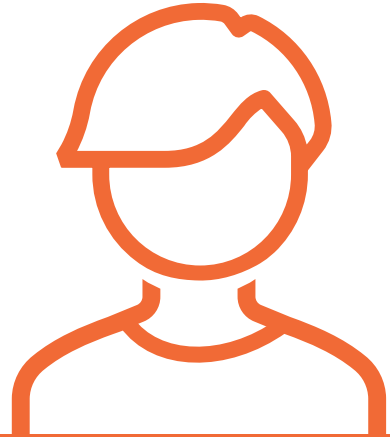
Solution Manager Capabilities with LTS 22

USER PERSONAS



BUSINESS USER

Business Users typically have a focus on Self-Service and are associated with a department to govern access to features, schedules, and self-service buttons that fall outside the context of the business unit.



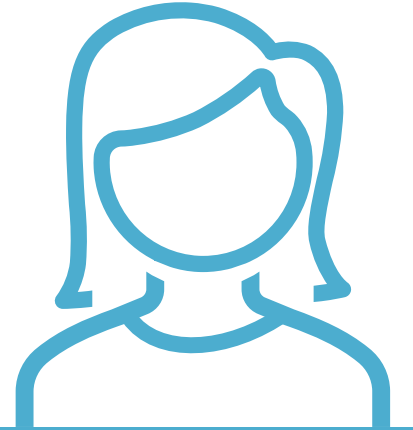
DAILY OPERATOR

Daily Operators are primarily responsible for daily operational tasks including the execution, monitoring, and troubleshooting of daily schedules and jobs.



DEVELOPER

Developers are primarily responsible for building new schedules and jobs along with the other events required for automating the workflow of daily schedules and jobs.



ADMINISTRATOR

Administrators are primarily responsible for top-level configuration of the OpCon environment (server & database), its components and utilities, and other security-related features, such as user management.



Business users typically have a focus on Self-Service and are associated with a department to govern access to features, schedules, and self-service buttons that fall outside the context of the business unit.

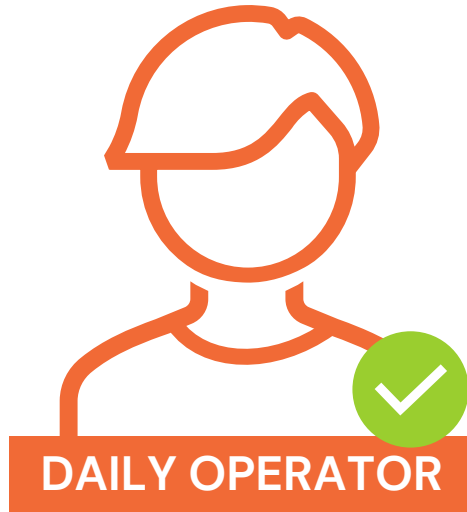


WITH LTS 22 YOU CAN:

- Create Self-Service buttons for users to trigger jobs on demand
- Customize button styling and behavior to fit end user needs
- Control visibility and access to ensure a simple and secure user experience
- Expand automation capabilities to other business units with minimal training
- Expand support without additional installations with a web-based, responsive design
- Minimize and simplify the process of managing access to sensitive applications by centralizing actions in OpCon

WITH LTS 22 YOU CAN:

- Build, monitor, and manage daily execution
- Define Operational Profiles for filtering
- Refine the Daily Processes view to fit your needs by customizing columns and filtering by Agent or Operation Profile
- Manage Daily Schedule & Job Details* ([view](#))
- Perform daily maintenance
 - Schedule checks
 - Delete daily schedules
 - Add/remove jobs from daily schedules
- View Daily Workflow in action with the PERT View
- Manage Daily Job Events
- View Job Execution History
- Acknowledge Escalated Notifications
- Leverage the Solution Manager Vision & Health modules for assistance with monitoring and execution



Daily Operators are primarily responsible for daily operational tasks including the execution, monitoring, and troubleshooting of daily schedules and jobs.

* LTS 22 will have limited support for Job Types. Click [here](#) to see a list of what's currently supported.



WITH LTS 22 YOU CAN:

- Develop new workflows visually with Studio* ([view](#))
- Create & manage workflow components
 - Master Schedules*
 - Master Jobs*
 - Frequencies
 - Thresholds & Resources
 - Global Properties
 - Tags
 - Scripts
 - Notifications & Escalations
- Leverage the OpCon Deploy module to migrate workflows across multiple OpCon environments
- Use the OpCon REST API to programmatically leverage OpCon across multi-platform scenarios



Developers are primarily responsible for building new schedules and jobs along with the other events required for automating the workflow of daily schedules and jobs.

* *LTS 22 will have limited support for Job Types. Click [here](#) to see a list of what is currently supported.*

Managing Master Schedules

The screenshot displays the OpCon Prime 'Library' interface. On the left is a blue sidebar with navigation icons for HOME, SELF SERVICE, VISION, OPERATIONS, LIBRARY (highlighted), STUDIO, OCAADM, and LOGOUT. The main content area is titled 'Library' and is divided into three columns: Administration, Management, and Security. The Administration column lists Agents, Calendars, Global Properties, Machine Groups, Master Jobs, Master Schedules, Resources, Scripts, Studio, and Thresholds. The Management column lists Escalation Manager, Frequencies, Notification Triggers, and Tags. The Security column lists Access Codes, Batch Users, and Departments. A 'View:' control is visible in the top right corner of the main area.

OpCon Prime

Library

HOME

SELF SERVICE

VISION

OPERATIONS

LIBRARY

STUDIO

OCAADM

LOGOUT

Administration

- Agents
- Calendars
- Global Properties
- Machine Groups
- Master Jobs
- Master Schedules
- Resources
- Scripts
- Studio
- Thresholds

Management

- Escalation Manager
- Frequencies
- Notification Triggers
- Tags

Security

- Access Codes
- Batch Users
- Departments

View: [Grid Icon] [List Icon]

Managing Master Jobs

The screenshot displays the OpCon Prime interface, specifically the Library page. The page is organized into three main columns: Administration, Management, and Security. A vertical sidebar on the left contains navigation options: HOME, SELF SERVICE, VISION, OPERATIONS, LIBRARY (highlighted), STUDIO, OCADM, and LOGOUT. The top right corner features a 'View:' dropdown menu and a help icon. The 'Administration' column lists: Agents, Calendars, Global Properties, Machine Groups, Master Jobs, Master Schedules, Resources, Scripts, Studio, and Thresholds. The 'Management' column lists: Escalation Manager, Frequencies, Notification Triggers, and Tags. The 'Security' column lists: Access Codes, Batch Users, and Departments.

OpCon Prime

Library

HOME

SELF SERVICE

VISION

OPERATIONS

LIBRARY

STUDIO

OADM

LOGOUT

Administration

- Agents
- Calendars
- Global Properties
- Machine Groups
- Master Jobs
- Master Schedules
- Resources
- Scripts
- Studio
- Thresholds

Management

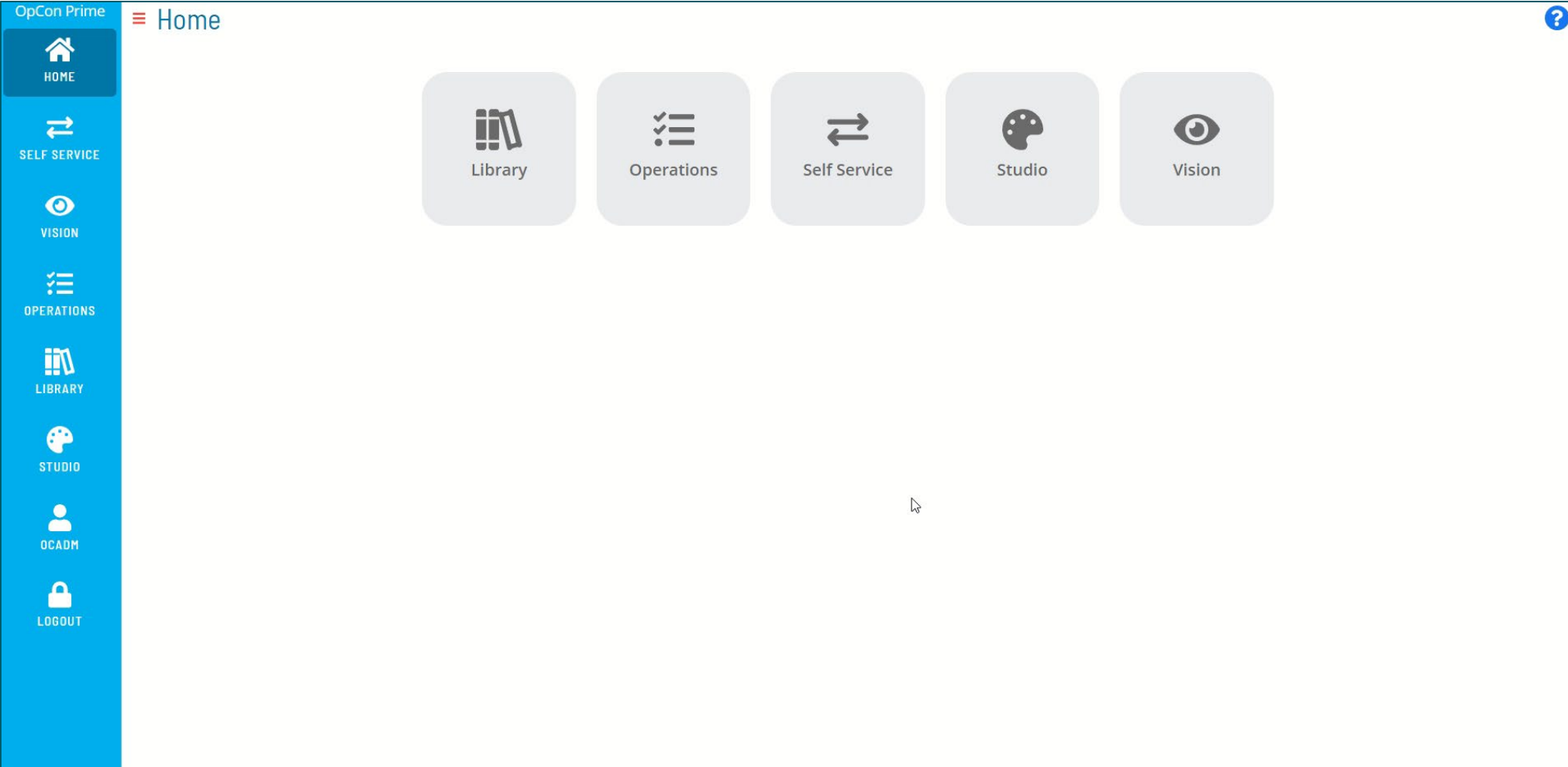
- Escalation Manager
- Frequencies
- Notification Triggers
- Tags

Security

- Access Codes
- Batch Users
- Departments

View: [Grid Icon] [List Icon]

Accessing Studio (Successor to Workflow Designer)



Studio – Action Panel

The screenshot displays the OpCon Prime Studio interface. On the left is a navigation sidebar with icons for HOME, SELF SERVICE, VISION, OPERATIONS, LIBRARY, STUDIO (highlighted), OCADM, and LOGOUT. The main workspace shows a workflow diagram with nodes for various tasks such as MarketData Threshold, Expression Dependency, Report File Cleanup, SMA Job Average, SMA Database Maintenance, SMA DBCC Index Defrag, SMA Index Defragmentation, SMA Database Backup, SMA Database Transaction Log Backup, Job History Archive, Audit History Purge, and RSJBackup_Prune. A search panel on the right is open, showing a list of jobs under the schedule name 'SMAUtility'. The list includes jobs like Audit History Purge, Job History Purge, SMA Database Transaction Log Backup, Job History Archive, SMA Database Backup, Report File Cleanup, RSJBackup_Prune, SMA Database Maintenance, SMA Job Average, SMA DBCC Index Defrag, and SMA Index Defragmentation. The search panel also includes a 'Filter' section and an 'Add Job' button.

OpCon Prime Studio

MarketData Threshold

Expression Dependency

SMAUtility Report File Cleanup

SMAUtility SMA Job Average

SMAUtility SMA Database Maintenance

SMAUtility SMA DBCC Index Defrag

SMAUtility SMA Index Defragmentation

SMAUtility SMA Database Backup

SMAUtility SMA Database Transaction Log Backup

SMAUtility Job History Archive

SMAUtility Audit History Purge

SMAUtility RSJBackup_Prune

Schedule Name: SMAUtility

Back

Search

- Windows Audit History Purge
- Windows Job History Purge
- Windows SMA Database Transaction Log Backup
- Windows Job History Archive
- Windows SMA Database Backup
- Windows Report File Cleanup
- UNIX RSJBackup_Prune
- Windows SMA Database Maintenance
- Windows SMA Job Average
- Windows SMA DBCC Index Defrag
- Windows SMA Index Defragmentation

Filter

Add Job

Studio – Managing Components

The screenshot displays the OpCon Prime Studio interface. On the left is a navigation sidebar with icons for HOME, SELF SERVICE, VISION, OPERATIONS, LIBRARY, STUDIO (highlighted), OCADM, and LOGOUT. The main workspace shows a dependency graph of SMAUtility jobs. At the top, 'MarketData Threshold' and 'Expression Dependency' are connected to 'SMAUtility Report File Cleanup' and 'SMAUtility SMA Job Average' respectively. 'SMA Utility' (Audit History Purge) is connected to 'SMA Utility SMA Database Maintenance', 'SMA Utility SMA DBCC Index Defrag', and 'SMA Utility SMA Index Defragmentation'. 'SMA Utility SMA Database Backup' is connected to 'SMA Utility SMA Database Transaction Log Backup'. 'SMA Utility Job History Archive' is connected to 'SMA Utility Job History Purge'. A search panel on the right, titled 'Schedule Name: SMAUtility', lists various jobs with their OS types and nodes. The jobs listed are: Audit History Purge (Windows, node), Job History Purge (Windows, node), SMA Database Transaction Log Backup (Windows, node), Job History Archive (Windows, node), SMA Database Backup (Windows, node), Report File Cleanup (Windows, node), RSJBackup_Prune (UNIX, node), SMA Database Maintenance (Windows, node), SMA Job Average (Windows, node), SMA DBCC Index Defrag (Windows, node), and SMA Index Defragmentation (Windows, node). The panel also includes a 'Filter' section and an 'Add Job' button.

OpCon Prime Studio

MarketData Threshold

Expression Dependency

SMAUtility Audit History Purge SMA Sun-Sat 07

SMAUtility Report File Cleanup SMA Sun-Sat 07

SMAUtility SMA Job Average SMA Sun-Sat 07

SMAUtility SMA Database Maintenance SMA Sun-Sat 07

SMAUtility SMA DBCC Index Defrag SMA Every Sun

SMAUtility SMA Index Defragmentation SMA 3rd Sun of Month

SMAUtility SMA Database Backup SMA Sun-Sat 07 Mon-Sun

SMAUtility SMA Database Transaction Log Backup SMA Sun-Sat 07

SMAUtility Job History Archive SMA Sun-Sat 07 NewFrequencyABC

SMAUtility Job History Purge SMA Sun-Sat 07

Schedule Name: SMAUtility

Back

Search

Windows Audit History Purge node

Windows Job History Purge node

Windows SMA Database Transaction Log Backup node

Windows Job History Archive node

Windows SMA Database Backup node

Windows Report File Cleanup node

UNIX RSJBackup_Prune node

Windows SMA Database Maintenance node

Windows SMA Job Average node

Windows SMA DBCC Index Defrag node

Windows SMA Index Defragmentation node

Filter

Add Job

OpCon Managed File Transfer Agent (B2B)

- The new job type, OpConMFT, implements managed file transfer capabilities as an OpCon job.
- Job/Task definitions are stored in the OpCon environment.
- Endpoints, certificates, and encryption information are accessed via Solution Manager and managed and stored in the OpCon File Transfer Agent* environment.

* *The new OpCon File Transfer agent will require a new license. Please contact your Customer Success Manager to get started.*

Task Details **OpConMFT**

General

Machines Machine Group
or
Machine Group * Primary Machine
MFT002
Alternate Machine 1 of 3

Source

Endpoint * SVR2
File Filter * RMA030.dat
File Path
Retain Source Files
Timeout Minute(s)

Destination

Endpoint * SVR1
File Path
Rename Files
Overwrite True

Reverse Order of Encryption/Compression

Reverse Order

Compression

Action None

Encryption

Action Encrypt
File Filter * *
Key * OpConMFT-test (created test key) <bvanhinsbergen@smatecnologies.com>
Signature Type SHA256
Signing OpConMFT-test (created test key) <bvanhinsbergen@smatecnologies.com>

Retrieved from OpCon MFT Agent

Site & Endpoint Definitions

- Views for managing file transfer sites and endpoints are accessed with Solution Manager.
- To Manage Endpoints
 - Select the machine associated with the OpCon MFT Agent and edit the machine settings.
 - Select the OpCon MFT Agent* Settings tab.
 - Select Path Endpoints or Manage Sites.

The screenshot displays the 'Agent Details' page for machine MFT001. A warning message states: 'Some Machine Settings cannot be updated while the machine is communicating'. The machine type is 'OpConMFT' and its status is 'Communicating'. The 'OpCon MFT Agent Settings' section is expanded, showing a list of settings with corresponding links:

Setting	Link
Agent Jobs	Agent Jobs
Logging	Logging
Debug Data	Debug Data
Manage Sites	Manage Sites
Path Endpoints	Path Endpoints
PGP Key Management	PGP Key Management
SSH Key Management	SSH Key Management
TLS Certificate Management	TLS Certificate Management
Outbound E-Mail	Outbound E-Mail
Settings	Settings

* The new OpCon File Transfer agent will require a new license. Please contact your Customer Success Manager to get started.

File Transfer Key & Certificate Definitions

- OpCon Managed File Transfer Agent supports PGP encryption and SFTP transfers over SSH.
- Management of PGP, SSH Keys, and certificates are accessed using Solution Manager.
- To manage the definitions:
 - Select the machine associated with the OpCon Managed File Transfer Agent* and edit the machine settings.
 - Select the OpCon MFT Agent Settings tab.
 - Select PGP Key Management.
 - Select SSH Key Management
 - Select TLS Certificate Management

The screenshot displays the 'Agent Details' page in the OpCon Solution Manager. The left sidebar contains a navigation menu with the following items: General Settings, Administrative Machine Information, Communication Settings, Logging, Time Settings, Buffer Settings, OpCon MFT Agent Settings (highlighted), and File Transfer Settings. The main content area shows a warning message: 'Some Machine Settings cannot be updated while the machine is communicating'. Below this, the machine details are listed: Name (MFT001), Documentation, Machine Type (OpConMFT), and Machine Status (Communicating). A 'General Settings' link is visible. An inset window shows the 'OpCon MFT Agent Settings' page, which lists various configuration options with corresponding links: Agent Jobs, Logging, Debug Data, Manage Sites, Path Endpoints, PGP Key Management, SSH Key Management, TLS Certificate Management, Outbound E-Mail, and Settings. The links for 'PGP Key Management', 'SSH Key Management', and 'TLS Certificate Management' are highlighted with a red box.

* The new OpCon File Transfer agent will require a new license. Please contact your Customer Success Manager to get started.

OpCon REST API Sandbox

The screenshot shows the SMA OpCon REST API Sandbox interface. At the top left is the SMA Technologies logo. At the top right is a dropdown menu labeled "Select a definition" with "OpConRestAPI" selected. The main content area features the title "OpCon REST API" with version "22.0.0" and "OAS3" tags, and the Swagger URL "/swagger/public/swagger.json". Below this is a welcome message: "Welcome to the SMA OpCon REST API reference. Use this REST API to interact with the OpCon database." There is an "Authorize" button with a lock icon. A search bar labeled "Filter by tag" is present. A list of API endpoints is shown with expandable arrows:

- AccessCodes
- BatchUsers
- Calendars
- DailyGraphEdges
- DailyJobEvent
- DailyJobs



In Progress – 50% Complete



ADMINISTRATOR

Administrators are primarily responsible for top-level configuration of the OpCon environment (server & database), its components and utilities, and other security-related features, such as user management.

WITH LTS 22 YOU CAN:

- Create & manage the configuration & operational status of agents/machines
- Manage machine groups
- Define & manage properties for remote instances of OpCon
- Create & manage batch users
- Create & manage departments
- Create & manage access code requirements
- Create & manage operational & holiday calendars

ADMIN FEATURE PARITY TARGETED FOR LTS 23:

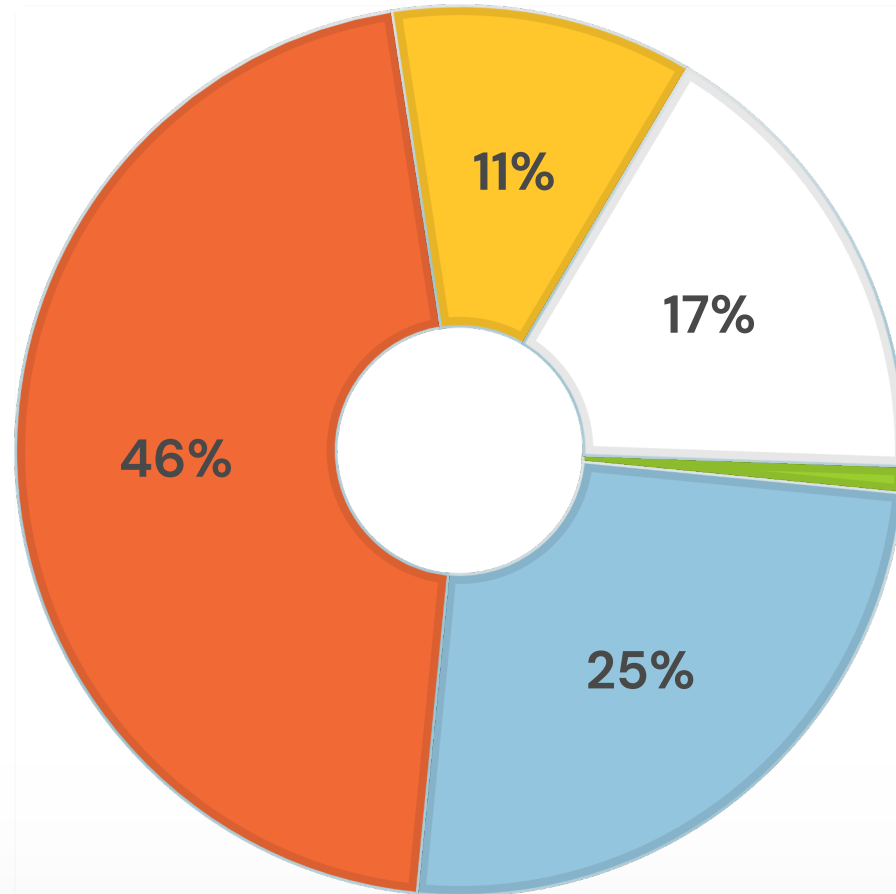
- *Logging*
- *Reporting*
- *User management, roles, & privileges*
- *OpCon server options*
- *History & audit management*
- *License & support info*



**HOW DOES THIS IMPACT
ME & MY TEAM ?**

SOLUTION MANAGER FEATURE PARITY

■ Business Users ■ Daily Operators ■ Developers ■ Administrators ■ Remaining Workflow



User Implications with LTS 22

Daily Operators & Developers













- Job Type support will be limited to the options detailed on the following slide and will impact the types of jobs you'll be able to create and manage with the Solution Manager client.

Developers

- Users managing large workflows may experience these performance issues in Solution Manager:
 - Solution Manager's Master Job management screens may experience increased page loading times in environments with 60,000 jobs or more.
 - Solution Manager's Studio canvas may experience slow loading times or loading errors with schedules containing more than 500 jobs.

We appreciate your patience as we continue to develop these new Solution Manager capabilities to bring full feature parity and scalability for large workflows.

Job Type Support with LTS 22

Job Type	Master Job Support <i>Ability to Create/Manage New Jobs</i>	Daily Job Support <i>Ability to Build/Manage Daily Jobs</i>
Windows (& Native Sub-Types)		
UNIX (& Native Sub-Types)		
SQL		
Container		
Null		
SAP R/3		
SMAft		
OpCon MFT*		
IBM i		
OS2200		
SAP BW		

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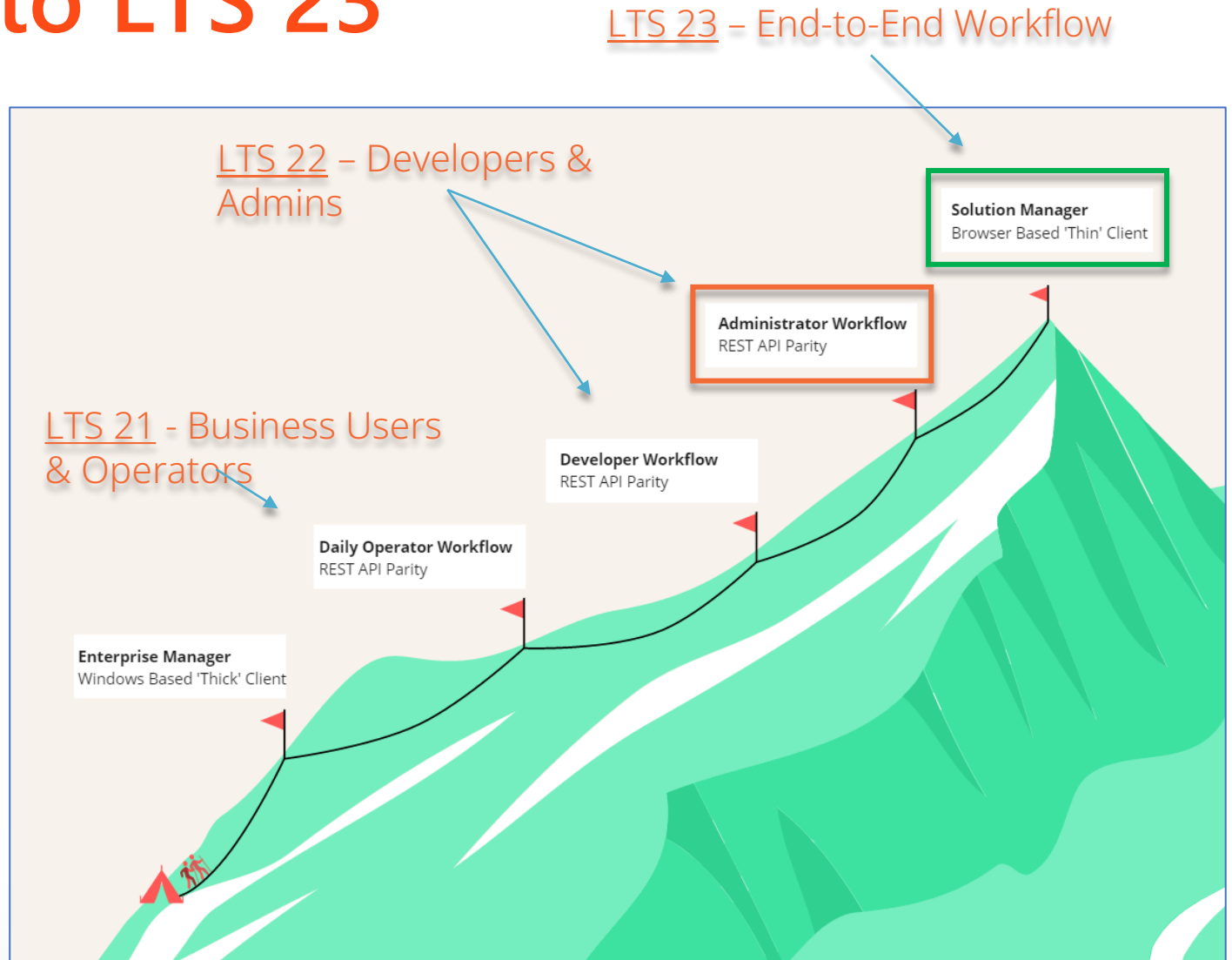
OPCON

ROADMAP

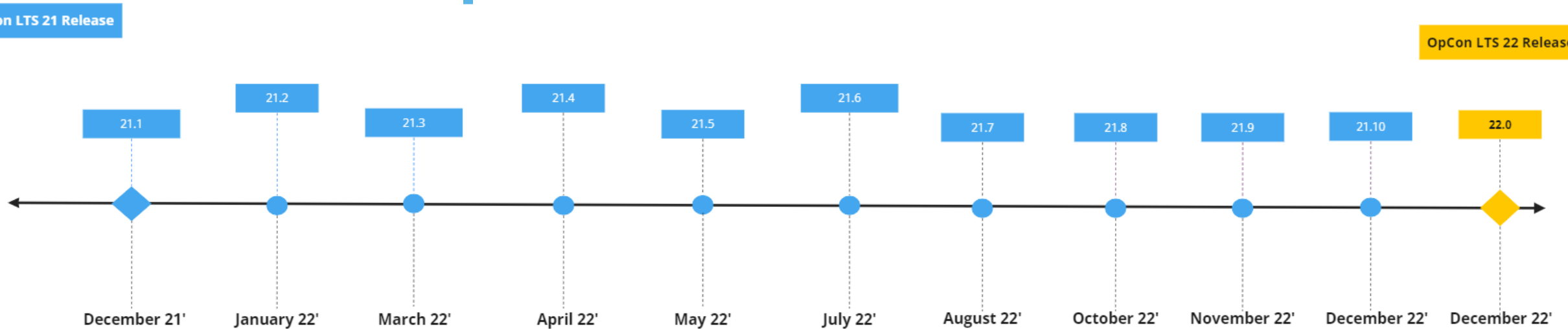


Looking Ahead to LTS 23

- Feature Parity for Administrators & Job Types
 - Logging
 - Server options
 - User management
 - Roles & privileges
 - Reporting
 - Continued parity for agents & connectors
 - IBMi, OS2200, InforM3 & Financial Connectors
- New Features & Capabilities
 - Single Sign-On (SSO)
 - OpCon MFT Server
 - New integrations
- Continuous Improvement
 - Parity for Studio (Workflow Designer) and Master Jobs
 - Scalability
 - Navigation & accessibility



OpCon LTS 22 Timeline



- Short-Term Support (STS)
- Cadence: **Every 6-8 weeks**
- Contains Features: Yes
- Contains Fixes: Yes
- Maintained (*hotfixes provided after*): **No**

- Long-Term Support (LTS)
- Cadence: **Annual**
- Contains Features: Yes
- Contains Fixes: Yes
- Maintained (*hotfixes provided after*): Yes

All feature releases are supported for 36 months after their release date.

MAJOR THEMES	RELEASE	FEATURE(S)	IMPACT
<p><u>Web Client & API Feature Parity</u></p> <p>Continued progress towards full feature parity for the Solution Manager web client and the OpCon REST API.</p> <p><u>User Persona Focus</u></p> <p>Support execution of daily workflow with Solution Manager and the API for:</p> <ul style="list-style-type: none"> <u>Daily Operators</u> – Responsible for daily ops including the execution and monitoring of daily schedules and jobs <u>Developers</u> – Responsible for building new schedules and jobs along with the other events required for automating the workflow <u>Administrators</u> – Responsible for top-level configuration of OpCon, its components, and other security-related features 	<p>21.0 (Nov 21) Release Notes Link</p>	<ul style="list-style-type: none"> Management of Daily Schedules Management of Global Properties Management of Thresholds 	<p>Consolidate the functions of Daily Operator users to the thin client (Solution Manager) to support scaling operations:</p>
	<p>21.1 (Dec 21) Release Notes Link</p>	<ul style="list-style-type: none"> View Execution details for daily Job History View and Manage Job History Notes Management of Events for Daily Jobs Management of Resources 	<p>Limit the number of Enterprise Manager installations that need to be managed. Simplify the upgrade process for user machines that would need to manage daily jobs. Modernize the tech stack as our foundation for future growth.</p>
	<p>21.2 (Jan 22) Release Notes Link</p>	<ul style="list-style-type: none"> Management of Calendars Management of Tags Deletion of Daily Jobs and Schedules Perform Daily Schedule Checks Support Management for IBM i Daily Jobs 	<p>Upgrade our interface & user experience.</p> <p>Continued expansion of the OpCon REST API to fully support management of all released features programmatically.</p>
	<p>21.3 (Mar 22) Release Notes Link</p>	<ul style="list-style-type: none"> Edit Frequencies Management of Access Codes Management of Departments Management of Machine Groups Adding Jobs to Daily Schedules Support Management for SAP BW Daily Jobs 	<p>Machine/agent setup and status is now consolidated in Solution Manager, which delivers a more consistent experience for Vision and Health customers.</p>
	<p>21.5 (May 22) Release Notes Link</p>	<ul style="list-style-type: none"> Enhanced layout of the Automation Library Management of Machines/Agents Management of Scripts <ul style="list-style-type: none"> Manage Script Types Manage Script Runners 	<p>Displace third-party file transfer (FTP) applications with the introduction of OpCon Managed File Transfer.</p> <p>Support fully functional workflow for Daily Operators and Developers in Solution Manager for the supported job types:</p>
	<p>21.6 (Jul 22) Release Notes Link</p>	<ul style="list-style-type: none"> Management of Notifications & Escalations Management of Batch Users 	<p><u>Daily Job Types:</u> Windows, Unix, IBM i, SQL, OS2200, SAP R/3, SAP BW, Container, Null, SMAft, OpCon Managed File Transfer</p>
	<p>LTS 22 (Feb 23) Release Notes Link</p>	<ul style="list-style-type: none"> Management of Master Schedules Management of Master Jobs OpCon Studio (previously Workflow Designer) OpCon Managed File Transfer (New Agent, Job Type, Configuration) OpCon Master Job Type Support <ul style="list-style-type: none"> Windows, UNIX, SQL, Container, Null, SAP R/3, SMAft, IBMi 	<p><u>Master Job Types:</u> Windows, UNIX, SQL, Container, Null, SAP R/3, SMAft, OpCon Managed File Transfer, IBMi</p> <p>Managed File Transfer Documentation (view)</p>

NEXT STEPS

IF YOU'RE INTERESTED IN

- **OPCON CLOUD OR MANAGED FILE TRANSFER**
 - Talk to your Customer Success Manager
 - Check out our Managed File Transfer documentation ([view](#))
- **UPGRADE** assistance
 - Reach out to your Customer Success Manager
- **LEARNING MORE** about the release
 - Check out the Release Notes ([view](#))
 - Talk to your Customer Success Manager
OR
 - Talk to your Consultant

Q&A

Q&A Follow-Up – LTS 22 Release

- Where can I find the release notes for LTS 22?
 - The LTS 22 release notes can be found here: <https://help.smatechnologies.com/opcon/core/release-notes/#opcon-2200>
- What is LTS, and how do I get LTS 22 if I'm on an earlier version of OpCon?
 - LTS stands for “long-term support,” which represents our annual release that we support with hotfixes for 36 months post-release. All the required components can be installed with our OWI (Online Web Installer) application accessed here: <https://smatechnologies.hosted-by-files.com/OpConPublicUtilities/OpConWebInstaller.zip>
 - If you're migrating from a version of OpCon earlier than version 20, you'll need to contact your Customer Success Manager or Automation Consultant for assistance with the migration.
- How do we access the list of job types with limited support?
 - A copy of this list is referenced in the presentation on the Job Type Support slide ([here](#)) and the Feature Summary slide ([here](#)).
- Can users be assigned to multiple personas?
 - Yes, OpCon's role and privilege framework allows you to customize roles to fit the need of the user, which can span capabilities across all types of personas. The personas only represent a reference to help with generalizing and categorizing features and workflow for the different types of OpCon users, but they don't affect the application in any way.
- Can we install the agents on a Windows server from Solution Manager?
 - Yes, Solution Manager fully supports the creation management of agents/machines, their groupings, and the ability to monitor and manage their status.
- Will Enterprise Manager go away eventually?
 - In the long term, yes, Enterprise Manager will eventually go away and be succeeded by the Solution Manager client. At this time, we don't have an end-of-life date set for this to take place, and we'll continue to officially support Enterprise Manager. Our first step toward this goal will be to have full feature parity with both the Solution Manager client and the OpCon REST API, in addition to several other prerequisites before we would position this. We'll provide clear communication when the time comes to make this announcement and ample time for customers to prepare for it.

Q&A Follow-Up – Managed File Transfer

- Does Managed File Transfer support key management import/generation?
 - Yes, the initial release packaged with LTS 22 supports the creation and/or import of PGP and SSH keys for use with the new OpCon Managed File Transfer job type.
- Does Managed File Transfer support PGP encryption/decryption?
 - Yes, both PGP encryption and decryption are both supported as options when configuring the OpCon job.
- Will the WSFTP Pro connector be going away?
 - There are no current plans for deprecating or limiting the use of this connector. We'll communicate updates if this position changes in the future before we would take any steps that would prevent or limit its use.
- Will we have to install the default agent (MSLSAM and JORS) and next to it the new agent for Managed File Transfer?
 - Only the Managed File Transfer agent will be required for the execution of file transfer jobs. If the same machine will also be required to run other types of Windows jobs, it will also require the MSLSAM agent.
- We currently use WSFTP Pro for transfers and file downloads. I think that's what OpCon Managed File Transfer will handle. Can the sites and relevant information for those sites be exported and imported for use with OpCon Managed File Transfer?
 - We are preparing tools and process to help assist with these migrations. Please contact your Customer Success Manager or Automation Consultant if this is something you're interested in, so we can follow up with you once this is available.
- For OpCon Managed File Transfer, will one license allow unlimited agents or one single agent?
 - The new license supports the agent being installed on multiple machines, as necessary. An OpCon environment can support 1:M Managed File Transfer agents, but the Managed File Transfer will have a 1:1 relationship with the OpCon environment with which it was installed.

Q&A Follow-Up – Managed File Transfer

- Does OpCon Managed File Transfer replace the legacy file transfer, or can it be used in addition to the legacy file transfer method?
 - No, it does not replace our current file transfer solution SMAft. They can both be leveraged as required based on the file transfer scenario. Our long-term goal is to consolidate SMAft with our Managed File Transfer solution as a new type of protocol focused on Agent-to-Agent file transfer, but we'll continue to support it in the meantime, and there are no conflicts with using either or both.
- Does OpCon Managed File Transfer work at this time on Unisys OS2200 systems?
 - No, at this time the Managed File Transfer agent will require a Windows Server as host, but it is able to communicate with any external site leveraging our supported authentication methods and file transfer protocols.

Q&A Follow-Up – OpCon Cloud

- If we have IBMi jobs, can we go to the cloud version of OpCon?
 - Yes, the IBMi job type is supported with our OpCon Cloud solution both with Enterprise Manager and Solution Manager (now available at the Master and Daily level).
- How much administrative functionality is lost when going to OpCon Cloud?
 - All administration capabilities within your OpCon server environment will still be fully supported with our cloud solution. The SMA team will be responsible for the Azure administration, independent of OpCon.
- Will the current performance issues/lag time increase if you're on OpCon Cloud because of the communication gap with the cloud and the organization?
 - This connection will not affect performance within the OpCon Cloud environment where the API and Database are hosted. Any delays experienced will be independent of the deployment model and are only for consideration in the short term as we are actively addressing these issues.
- Who's the cloud provider for OpCon Cloud?
 - Microsoft Azure is our cloud platform provider for our OpCon Cloud solution.

**THANK
YOU!**



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