

CloudReady® Sensors Overview











MONITOR YOUR CLOUDS. YOUR LOCATIONS

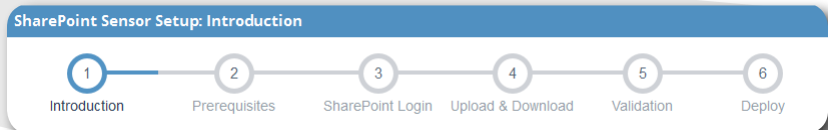
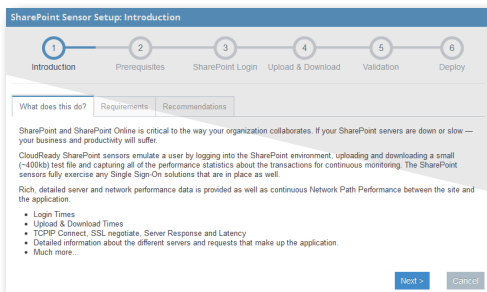


Coverage For Your Entire Office 365 Deployment

Office 365 Sensors

Exoprise CloudReady is the market leader for end-to-end visibility into the entire Office 365 suite and the network that it relies on. Easily deployed, comprehensive coverage for Exchange, SharePoint, Skype for Business & more from all of your access locations and our cloud-based points-of-presence.

	Exchange Online	Test and monitor Office 365's Exchange Online for availability and end-to-end performance. This sensor connects to an Office 365 mailbox using Exchange Web Services and sends synthetic emails to test and report on message queues.
	Exchange ActiveSync	Test and monitor the Exchange ActiveSync protocol for availability and end-to-end performance. This sensor connects to a mailbox using ActiveSync to sync a synthetic mobile device.
	Outlook Web App	Test and monitor Office 365's Outlook Web App for availability and end-to-end performance. This sensor connects to a mailbox using a headless browser against Outlook Web App. Synthetic emails are sent to test and report on message queues.
	Exchange MAPI over HTTP	Test and monitor Exchange MAPI over HTTP (aka RPC over HTTP) for availability and end-to-end performance. This sensor connects to a mailbox using MAPI/RPC over HTTP like newer Outlook versions.
	SharePoint	Monitor SharePoint Online, SharePoint 2013, and OneDrive for Business by emulating a user signing in, uploading and downloading files. Detailed end-to-end performance, availability and network path performance is captured.
	O365 Portal	Monitor Office 365 Portal for proactive performance, uptime, diagnostics and alarms. This sensor acts like a user accessing the Office 365 Portal from any of your locations. Different portal locations can be configured for the accounts.
	Active Directory	Tests Active Directory servers using LDAP for availability and performance. This sensor emulates a user querying Active Directory and records WMI performance information from the AD server. Great for baseline performance monitoring.
	Active Directory Federation Services (ADFS)	Tests Active Directory Federation Services by getting a SAML token for a service. This sensor emulates a user signing in with SAML, records WMI, and network path performance to the ADFS cluster. Great for early detection and SSL certificate testing.
	Yammer	Monitor the availability and performance of the Yammer web interface. This sensor emulates a user accessing the Yammer portal from any of your locations. Message channel posts and reads are continuously tested.
	Microsoft Teams	Monitor the availability and performance of the Microsoft Teams web interface. This sensor emulates a user accessing the Teams portal from any of your locations. Message channel posts and reads are always tested to guarantee API availability.






Wizard-based setup and validation ensures successful deployment



Skype for Business Online, On-Premises, and Hybrid

Skype Sensors









Exoprise CloudReady is the only solution that automates the actual Skype Clients for always-on, proactive monitoring and critical network intelligence.

	Skype Audio Sensor	Monitor the performance of Skype/Lync Audio conversations end-to-end. This sensor executes real audio calls through the Skype client and captures audio, VoIP, jitter MOS and other performance metrics. Hybrid, On-premise, or Skype for Business Online installations are supported.
	Skype Message Sensor	Test and monitor the performance of Skype/Lync for Business end-to-end. This sensor captures sign-in, presence and instant message performance and availability end-to-end for Hybrid, On-premise or Skype for Business Online installations.
	Skype Receiver	A Skype Receiver is required to monitor Skype for Business performance. A Skype Receiver must be deployed before adding other Skype Sensors.

VoIP, Bandwidth for End-to-End Network Intelligence

VoIP and Bandwidth Sensors

CloudReady VoIP & Bandwidth sensors are peer-to-peer or to our cloud-hosted global providers. These sensors enable complex network modeling, continuous test and validation of your networks, their routing and capacity.






	Bandwidth Sensor	Send and receive small TCP/IP payloads between two points on a network to measure overall bandwidth, throughput, availability and network path performance. Payloads can be configured to test and monitor WAN optimization solutions.
	Bandwidth Receiver	A bandwidth receiver is required for modeling peer-to-peer TCPIP bandwidth tests. Deploy a bandwidth receiver and then deploy many bandwidth sensors against it. Or leverage our Bandwidth receivers on AWS or Azure (see below)
	VoIP Sensor	Send and receive UDP VoIP like packets between two points on a network. Comprehensive metrics like Jitter, MOS, Packet loss are captured continuously.
	VoIP Receiver	A VoIP receiver is required for modeling peer-to-peer UDP/VoIP traffic. Deploy a VoIP receiver and then deploy many bandwidth sensors against it. Or leverage public cloud VoIP receivers on Azure and AWS.
	Azure Bandwidth	The Azure Bandwidth sensor synthetically sends and receives small payloads between a private site and a specific Azure region to detect overall bandwidth and throughput problems. Different Azure regions can be chosen.
	AWS Bandwidth	The AWS Bandwidth sensor synthetically sends and receives small payloads between a Private Site and a specific Amazon Web Services region to detect overall bandwidth and throughput problems. Different AWS regions can be chosen.
	Azure VoIP	The Azure VoIP sensor sends and receives UDP packets between a Private Site and a specific Azure region emulating voice and video conversations to detect network jitter, latency, packet loss and throughput problems. Test Azure ExpressRoute before you deploy.
	AWS VoIP	The AWS VoIP sensor sends and receives UDP packets between a Private Site and a specific Amazon Web Services region emulating voice and video conversations to detect network jitter, latency, packetloss and throughput problems.



Monitor Internal Apps, LAN, WAN & Infrastructure

Web & Network






With the CloudReady WebLogin sensor any internal or external SaaS app can be easily monitored. The lower-level protocol-based network sensors are perfect for finer-grained telemetry across all of your infrastructure. Combined, the sensors give an unprecedented perspective into your network.

	WebLogin	Test any app, service or web-site, the Web Login Sensor will automatically sign-in to a site and capture detailed page metrics, availability and network path performance. Most Single Sign-On solutions as well as Kerberos and NTLM are supported.
	Web Monitor	Test and monitor any web page on the Internet or local LAN. This sensor provides detailed page metrics and network path performance from any Private or Public CloudReady site.
	WGET (5)	Monitor the performance and availability of up to 5 URLs or Web Pages from all of your critical locations. Monitor and test API access for uptime and availability.
	DNS (5)	Monitor up to 5 DNS names for performance and availability from all of your critical locations. DNS resolution is critical to every service. This sensor bypasses the local machine cache to monitor the upstream LAN/WAN-based DNS server and Start-of-Authority (SOA) servers.
	PING (5)	Ping up to 5 network addresses or names for continuous performance and availability monitoring. You can point the Ping sensor to any endpoint name or IP address for combination with other CloudReady Sensors.

Continuous Monitoring for Hybrid or Cloud Single Sign-On

Single Sign-On, SAML Providers

Single sign-on and authentication is critical with a secure move to the cloud. CloudReady sensors support many different authentication methods for complete end-to-end coverage, troubleshooting and diagnostics.














	Active Directory	Tests Active Directory servers using LDAP for availability and performance. This sensor emulates a user querying Active Directory and records WMI performance information from the AD server.
	Active Directory Federation Services (ADFS)	Tests Active Directory Federation Services by getting a SAML token for a service. This sensor emulates a user signing in with SAML, records WMI, and network path performance.
	Okta	Monitor the Okta SSO service for proactive performance, uptime, diagnostics and alarms. This sensor emulates a user accessing the Okta SSO service from any of your locations.
	Ping Identity	Monitor the PingOne SSO service end-to-end for proactive performance, uptime, diagnostics and alarms. This sensor emulates a user accessing the PingOne SSO service from any of your locations.
	OneLogin	Monitor the OneLogin SSO service end-to-end for proactive performance, uptime, diagnostics and alarms. This sensor synthetically emulates a user accessing the OneLogin SSO service from any of your locations.



Monitor All of Your Cloud Apps. Your Locations

The Rest of the Kitchen Sink

We're always adding on behalf of customers, partners and ourselves. If you don't see a sensor or have a good suggestion for one, please let us know via support@exoprise.com

	Salesforce	Monitor Salesforce end-to-end for proactive performance, uptime, diagnostics and alarms. This sensor emulates a user accessing the Salesforce service from any of your locations.
	RDP, Citrix, RDS	RDP Sensor for testing and monitoring Remote Desktop Performance. An application can be launched and the login, startup and launch time are measured.
	ServiceNow	Monitor ServiceNow end-to-end for proactive performance, uptime, diagnostics and alarms. This sensor emulates a user accessing your ServiceNow portal from any of your locations.
	Slack	Monitor the availability and performance of the Slack web interface. This sensor emulates a user accessing the Slack portal from any of your locations.
	Dropbox	Monitor Dropbox service for proactive performance, uptime, diagnostics and alarms. This sensor emulates a user accessing Dropbox service from any of your locations.
	Box.com	Monitor the Box service end-to-end for proactive performance, uptime, diagnostics and alarms. This sensor emulates a user accessing the Box from any of your locations.
	GitHub	Monitor Github end-to-end for proactive performance, uptime, diagnostics and alarms. This sensor emulates a user accessing the Github platform from any of your locations.
	Marketo	Monitor Marketo services end-to-end for proactive performance, uptime, diagnostics and alarms. This sensor emulates a user accessing the Marketo service from any of your locations.
	Workday	Monitor Workday end-to-end for proactive performance, uptime, diagnostics and alarms. This sensor emulates a user accessing your Workday portal from any of your locations.
	Concur	Monitor Concur end-to-end for proactive performance, uptime, diagnostics and alarms. This sensor emulates a user accessing the Concur service from any of your locations.
	Assembla	Monitor Assembla end-to-end for proactive performance, uptime, diagnostics and alarms. This sensor emulates a user accessing the Assembla service from any of your locations.
	DocuSign	Monitor the DocuSign service end-to-end for proactive performance, uptime, diagnostics and alarms. This sensor emulates a user accessing the DocuSign service from any of your locations.
	YOUR SENSOR HERE	Usually, for any SaaS or Internal Application the WebLogin sensor should work but we are always adding more sensors for deeper application visibility and crowd benchmarking. Let us know and we can deliver.

Deploys in minutes. Start your free trial. Visit: www.exoprise.com/freetrial



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About Exoprise

Exoprise CloudReady is a platform for end-to-end visibility into the networks and applications your organization relies on. Find and fix problems fast, manage change, observe trends and improve operations for your entire business.