CloudReady® Sensors Overview

Proactive monitoring for your apps and networks

Monitor ALL of Office 365, End-to-End Visibility

Office 365 Sensors

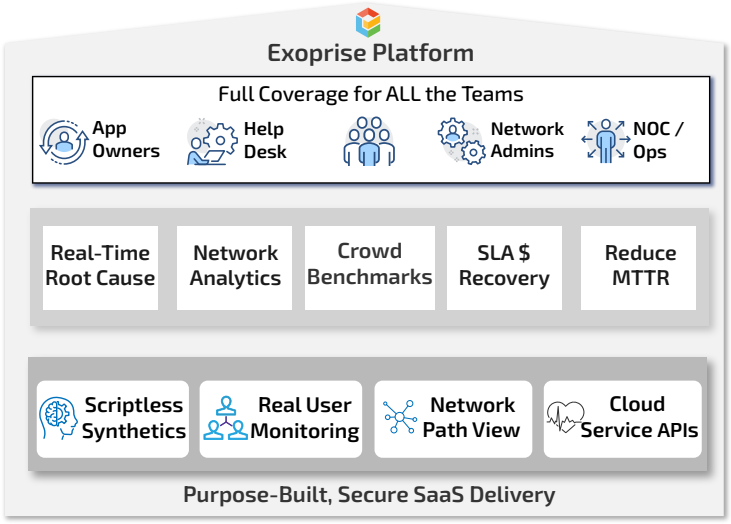
CloudReady is the market leader for end-to-end visibility into the entire Office 365 suite and the network that it relies on. Easily deployed, comprehensive coverage for Microsoft Teams, Exchange, SharePoint, & more from all of your access locations and our cloud-based points-of-presence.

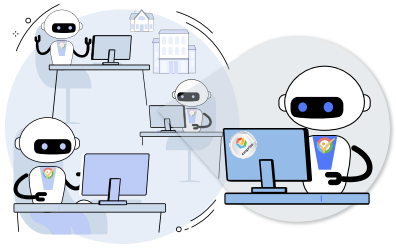
	Exchange Online	Test and monitor Office 365's Exchange Online for availability and end-to-end performance. This sensor connects to an Office 365 mailbox using Exchange Web Services and sends synthetic emails to test and report on message queues.
	Exchange ActiveSync	Test and monitor the Exchange ActiveSync 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.
	Email Graph	Test and monitor Exchange Online using the new Graph API and OAuth authorizations only. This sensor accesses the mailbox, searches, sends a test email, receives replies and fully parses the headers for proactive, hop-by-hop, mail queue monitoring
	SharePoint	Monitor SharePoint Online, SharePoint 2019, and One Drive for Business by emulating a user signing in, uploading and downloading files. Detailed end-to-end performance, availability and network path performance is captured.
	SharePoint API	Monitor SharePoint Online utilizing OAuth and the Microsoft Graph API. This sensor tests the availability and performance of SharePoint sites and leverages OAuth authorizations to access SharePoint, upload, download and perform searches against the site.
	O365 Portal	Monitor overall Office 365 performance, uptime, diagnostics and alarms. This sensor acts like a user accessing any property within Microsoft 365 from any of your locations. Different destination URLs can be configured for the accounts for complete coverage.
	Exchange FreeBusy	Tests Exchange Calendar and Freebusy performance. This sensor emulates a user using their calendar, querying FreeBusy, creating and deleting appointments.
	Microsoft Dynamics	Monitor Microsoft Dynamics to ensure uptime, availability and performance from any location. This sensor emulates a user accessing multiple Dynamics portals and helps diagnose performance problems.
	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.
	Teams Messaging	Monitor the availability and performance of the Microsoft Teams messaging, single-sign on and general infrastructure. 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.
	Teams AV Conferencing	Monitor Microsoft Teams Audio-Visual Conferencing and WebRTC using an automated A/V Bot. Monitor the performance of end-to-end conferencing against Teams and local LAN/WAN, SD-WAN network QoS, capacity and health.
	OneDrive API	Monitor Microsoft OneDrive uptime and availability from any of your locations. This sensor utilizes OAuth and can work with accounts that have MFA enabled. This sensor tests OneDrive upload, download, performance and health.

CloudReady® Sensors Overview

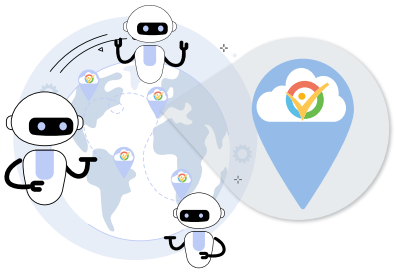
VoIP, Bandwidth for End-to-End Network Intelligence

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, routing, DNS 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 TCP/IP 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	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	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, packet-loss and throughput problems.





Run From Your Locations



Run From Our Clouds

CloudReady® Sensors Overview

Monitor Internal Apps, LAN, WAN & Infrastructure

Web & Network

Monitor any SaaS or Web app, internal or external, with the CloudReady WebLogin sensor. 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.
	TLS / SSL Check	Monitor TLS / SSL Connections for spoofing and SSL certificates for expiration. Monitor 3rd-party TLS / SSL Connections to detect changes and errors

Continuous Monitoring for Hybrid/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.
	Azure AAD	Tests your Azure AD tenant for uptime, availability and performance. Azure AD is the center of Office 365 management, access and control. Know about Azure AD incidents before they ripple through your infrastructure and escalate.
	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.

CloudReady® Sensors Overview

Synthetic Monitoring for Any SaaS, Cloud or Web App

The Rest of the Kitchen Sink We're always adding sensors on behalf of customers and partners. 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, get actionable insight. Visit: www.exoprise.com/freetrial

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About Exoprise

Exoprise is a platform for end-to-end visibility into the networks and applications your organization relies on. Transform your IT with **CloudReady synthetics** for proactive detection and quick resolution. Secure and complete coverage with **Service Watch** real-user monitoring, no matter where employees work. Find and fix problems faster and improve operations for your entire business.