

CloudReady[®] Skype for Business Always-on, proactive call quality monitoring



End-to-End Real-time Visibility Into Skype for Business

CloudReady Skype for Business Sensors continuously execute real conversations between Skype endpoints and capture metrics to determine the health of your network, ISPs, WiFI, Edge and Media Servers. Deploy sensors across multiple branch and cloud locations to model your different topologies, network conditions and scenarios for always-on monitoring and end-to-end test.

CloudReady Skype for Business sensors are self-service deployed in minutes to any Windows[®] box. A minimal Windows VM can support many different CloudReady Sensors for monitoring all of Office 365. Skype monitoring with CloudReady enables you to find and fix problems, fast, **before your end-users are impacted**. With CloudReady you can be proactive and spot long-term trends from the same network intelligence platform.

Continuous Metrics For Synthetic Skype Conversations



Find and fix issues before they impact your Skype users

CloudReady Skype Sensors capture the entire experience and metrics from the actual Skype client in real-time. Get proactive notifiations when your WAN, LAN, or your ISPs are having problems — **before that big conference call** not after.

- → Jitter
- → Packet Loss
- → Packet Delay
- → Network Congestion
- → Mean-Opinion-Scores (MOS)
- → Hop-by-Hop Network Path Performance

Deploys in minutes, model your network

Whether Skype for Business Online, On-Premise, or Hybrid you can easily model your complex network and branch office scenarios.

- 1. Deploy CloudReady Sites (no servers!)
- 2. Setup Skype Receivers, Audio and Message Sensors
- 3. Immediately collect Skype and network telemetry
- 4. Be notified of issues with pre-configured alarms
- 5. Integrate with existing management systems
- 6. Find and fix issues fast: Have [©] Skype Users
- 7. Rest easy





CloudReady[®] Skype for Business Monitoring



Proactively Monitor Skype Reliability and Performance

What good is a call quality report from last week when your users need quality NOW. Know before a problem not after.

Enterprise Use Cases

Optimize Network QoS Changes

See before and after your network changes to determine improvements. Synthetics mean not waiting or affecting your production users.

Master the Skype Operations Framework

SOF recommends planning and network readiness before deployment and operation. Only CloudReady can model actual Skype clients.

Network Path Performance

Pre-production Skype Assessment

Deploy CloudReady synthetics before your migration to test for network capacity and suitability.



Network Intelligence Using Real Skype for Business Clients, not simulated packets

User service levels depend on the performance and availability of the network between you, the peers, Skype for Business media, relay and edge servers. Whether in the coud or on-premises, CloudReady for Skype gives you detailed node-by-node performance data for your LAN/WAN, MPLS, SD-WAN and more. Measure QoS, ExpressRoute and other changes beore and after.

- → Identify problems anywhere along the service delivery chain.
- → Detect and see impacts of ISP route and network changes.
- \rightarrow Measure relative performance of each network hop.
- → Capture long term trends

100 ms Wednesday, April 26, 2017 3:30 PM | Network Path Performance (to Peer or Relay Server): 35ms 50 ms 0 m 25 Apr 20:00 26 Apr 04:00 26 Apr 12:00 Metric Past Avg. Current Time 225 273 Crowd Avg. Time to complete: 273ms 229 Average time per hop: 20ms Segment Value Unknown Comcast Cable Communications, LLC 78 Microsoft Corporation 22 4/26/17 6:00 AM % Packet Loss Host Avg. RTT gateway.exoprise.local 0% 5ms 96.120.66.61 [Comcast Cable Communications, LLC] 14ms 0% 68.87.154.77 [Comcast Cable Communications, LLC] 0% 18ms be-23-sur03.needham.ma.boston.comcast.net 0% 14ms be-39-ar01.needham.ma.boston.comcast.net 0% 15ms be-1003-pe02.onesummer.ma.ibone.comcast.net 0% 15ms 50.248.118.222 [Comcast Cable Communications, LLC] 0% 28ms ae11-0 nvc-96cbe-1a ntwk msn net 0% 21ms be-73-0.ibr02.nvc04.ntwk.msn.net 0% 29ms be-4-0.ibr02.was05.ntwk.msn.net 10 0% 29ms ae71-0.bl2-96c-1b.ntwk.msn.net 0% 85ms

From peers to peers or to the Skype Edge and Media servers you get

crowd-sourced traces for troubleshooting and detection

Deploys in minutes, its free to test. 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.