

Autodesk Moldflow Insight Web Services 2012

User Network Requirements for Autodesk Moldflow Insight WS

Autodesk®

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Autodesk® Moldflow® Insight Web Services

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Network Requirements for Autodesk Moldflow Insight WS

1

Autodesk Moldflow Insight WS connects to servers on the Internet to upload study files, download results, and schedule analyses. If these connections are blocked or interfered with by firewalls and proxies, Moldflow Insight WS cannot run analyses.

All connections use secure HTTP, the same as most Internet Banking sites. The connection is encrypted end-to-end to prevent eavesdropping. Study files and results are unencrypted only on the cloud machines storing the files and performing the analyses.

The following tables list the remote machines which are contacted by Moldflow Insight WS. You or your network administrator need to open these entries on your site firewall to allow these connections. All connections are over IPv4.

Table 1: Required firewall exceptions for Moldflow Insight WS

Remote host	Remote TCP port	Protocol	Purpose
accounts.autodesk.com	443	HTTPS	User and entitlement information
api.autodesk.com	443	HTTPS	File transfer
compute.autodesk.com	443	HTTPS	Job scheduling

Table 2: Recommended firewall exceptions for Moldflow Insight WS

Remote host	Remote TCP port	Protocol	Purpose
ftp.moldflow.com	20, 21	FTP	Product update checks and downloads

NOTE: Some of these hosts use round-robin DNS with dynamic failover, so firewall rules based on static IP addresses are not recommended.

ATTENTION: Passing HTTPS through a decrypting proxy is not supported, because Moldflow Insight WS cannot distinguish it from a malicious man-in-the-middle attack outside your site firewall.