

Aspera Transfer Servers

Functionality Comparison

	Enterprise Server	Connect Server
Based on <i>fasp</i> [™] technology: maximum transfer speed, bandwidth control, security, and scalability	✓	✓
TRANSFER PARADIGMS		
Client-server	✓	✓
Site-to-site	✓	✓
Automated	✓	✓
Remotely controlled	✓ (Via Console)	✓ (Via Console)
N-way synchronization	✓	✓
Secure pass-through of <i>fasp</i> transfers in highly restrictive networks	✓ (Via <i>fasp</i> Proxy)	✓ (Via <i>fasp</i> Proxy)
FTP and HTTP transfer source and destination	✓	✓
Infrastructure-agnostic: local-to-cloud, cloud-to-local or cloud-to-cloud transfers	✓ (Via Aspera On Demand)	✓ (Via Aspera On Demand)
CLOUD ENABLEMENT		
Direct-to-Cloud - optimized intra-cloud I/O technology	✓	✓
Can run on cloud platform via Aspera On Demand	✓ (AWS only)	✓ AWS or Windows Azure (beta)
CLIENT USER EXPERIENCE		
Command-line	✓	✓
Multi-platform desktop graphical user interface	✓ Client & Point-to-Point	✓ Client & Point-to-Point
Web browser interface	✗	✓
Web browser plug-in (via native web interface or custom web applications)	✗	✓ (Connect browser plug-in)
Mobile transfer application	✓ (Mobile add-on)	✓ (Mobile add-on)
Remote web-based transfer management interface	✓ (Via Console)	✓ (Via Console)
Embedded Client	✓ (SDK)	✓ (SDK)
MANAGEMENT PARADIGM		
Server form factor	GUI, CLI Browser (Console)	GUI, CLI Browser (Web app & Console)
Recognized by Aspera Console as a managed endpoint	✓	✓
TRANSFER MANAGEMENT		
Transfer scheduling & queuing, with reordering of queues on-the-fly	✓	✓
Cancel, pause, or resume transfers on-the-fly	✓	✓
Automatic resume of failed or partial transfers	✓	✓
Simultaneous multi-location file delivery using multi-point transfers	✓	✓
BANDWIDTH MANAGEMENT		
Transfer rate control (adaptive, pre-set or on-the-fly)	✓	✓
Automatic adaptation to available bandwidth and congestion avoidance	✓	✓
Configurable bandwidth targets, prioritization, scheduling, and sharing policies	✓	✓
Virtual Link [™] (vLink [™]) support, including vLink scheduling	✓	✓
Advanced storage bandwidth management	✓	✓
PLATFORM SUPPORT		
Microsoft Windows	✓	✓
Mac OS X 10.4 or higher	✓	✓
Solaris 8 or higher	✓	✓
Linux 2.4 or higher	✓	✓

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PLATFORM SUPPORT		
FreeBSD	✓	✓
Isilon OneFS	✓	✓
Amazon Web Services	✓	✓
Microsoft Windows Azure	✗	✓
SERVER MANAGEMENT		
Adjust bandwidth controls, including bandwidth scheduling by time of day	✓	✓
Configure encryption settings, transfer authorization policies, and bandwidth priorities	✓	✓
Configure email notification	✓	✓
Apply server policies by server, group (AD), or user	✓	✓
Administrative desktop GUI interface	✓	✓
Administrative web interface	✓ (Via Console)	✓ (Via Console)
USER MANAGEMENT		
Authorize users by Active Directory user account	✓	✓
Authorize users by Active Directory group for centralized management	✓	✓
Set user access permissions (allowed direction of transfer, allowed client IP, secure sandbox area)	✓	✓
Override default encryption requirements, sandbox area, and bandwidth policies by individual user	✓	✓
Role-based access control for transfer management in Console	✓	✓
AUTOMATION		
Hot folders (Windows - built-in, Mac & Unix - installed separately)	✓	✓
Custom post-transfer processing	✓	✓
Automatic forwarding	✓	✓
Repeatable transfers through templates	✓ (Via Console)	✓ (Via Console)
Transfer scheduling	✓ (Via GUI or Console)	✓ (Via GUI or Console)
vLink™ (aggregate bandwidth) scheduling	✓	✓
Web Services API for transfer automation	✓	✓
Java, C#, C++ direct API	✓	✓
Scriptable command line	✓	✓
Workflow composition using Aspera Console	✓ (Via Console)	✓ (Via Console)
MONITORING & REPORTING		
Real-time transfer & bandwidth activity monitoring	✓	✓
Detailed transfer logging to flat file	✓	✓
Detailed transfer logging to centralized database	✓	✓
Comprehensive and customizable transfer history reporting	✓ (Via Console)	✓ (Via Console)
Customizable email notifications	✓	✓
Delivery confirmation manifest	✓	✓
LICENSING & DEPLOYMENT		
License based on number of users	Unlimited concurrent users	Unlimited concurrent users
License based on maximum bandwidth capacity for transfers	multi-tiered 10Mbps thru 1 Gbps (higher BW for clusters)	multi-tiered 10Mbps thru 1 Gbps (higher BW for clusters)
High-availability configuration	✓	✓
Free web browser plug-in client	✗	✓
Aspera On Demand monthly subscription service (available terms: monthly, 1-year, 2-year, or 3-year)	Based on amount of data and contract term	Based on amount of data and contract term