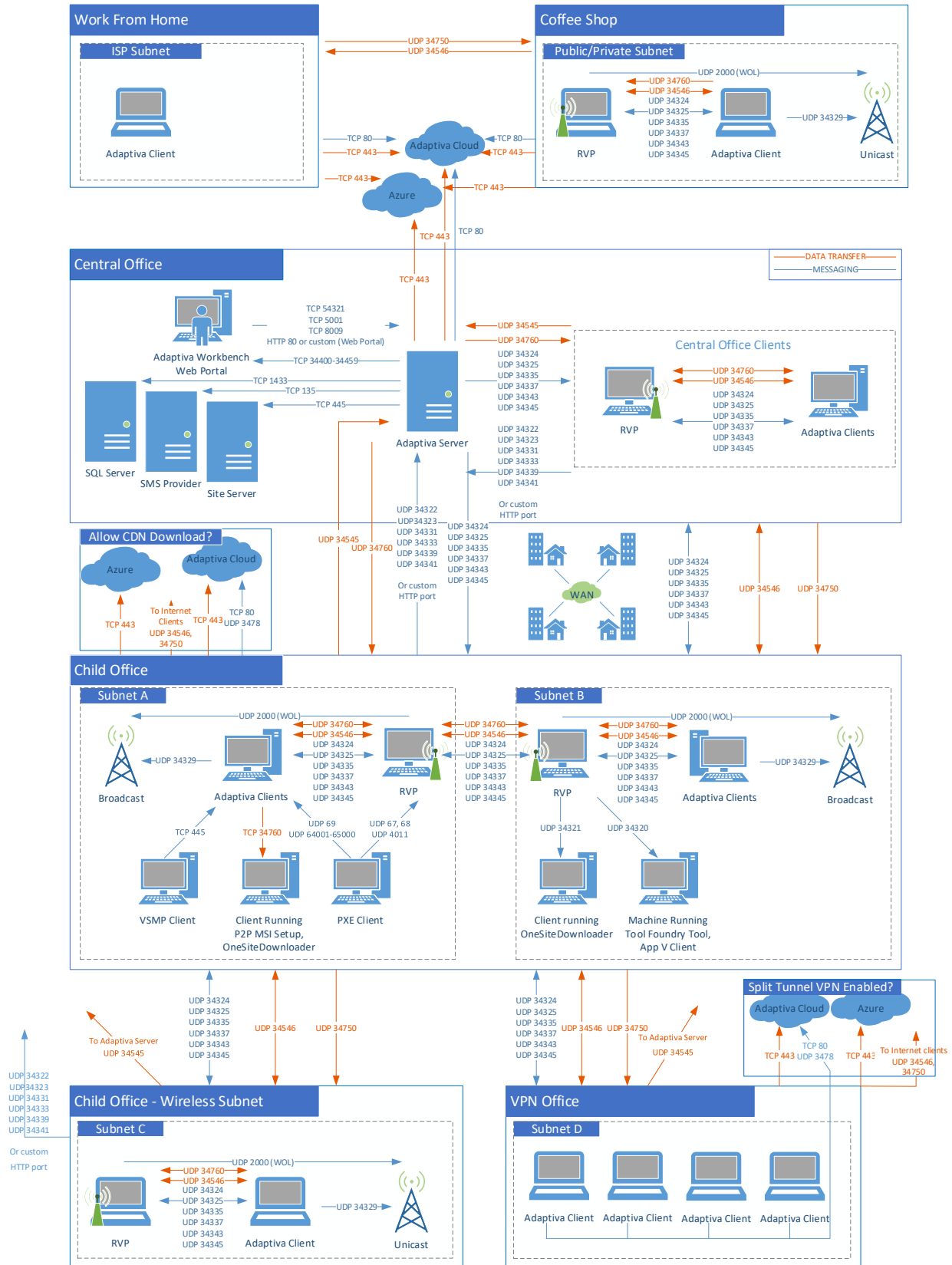
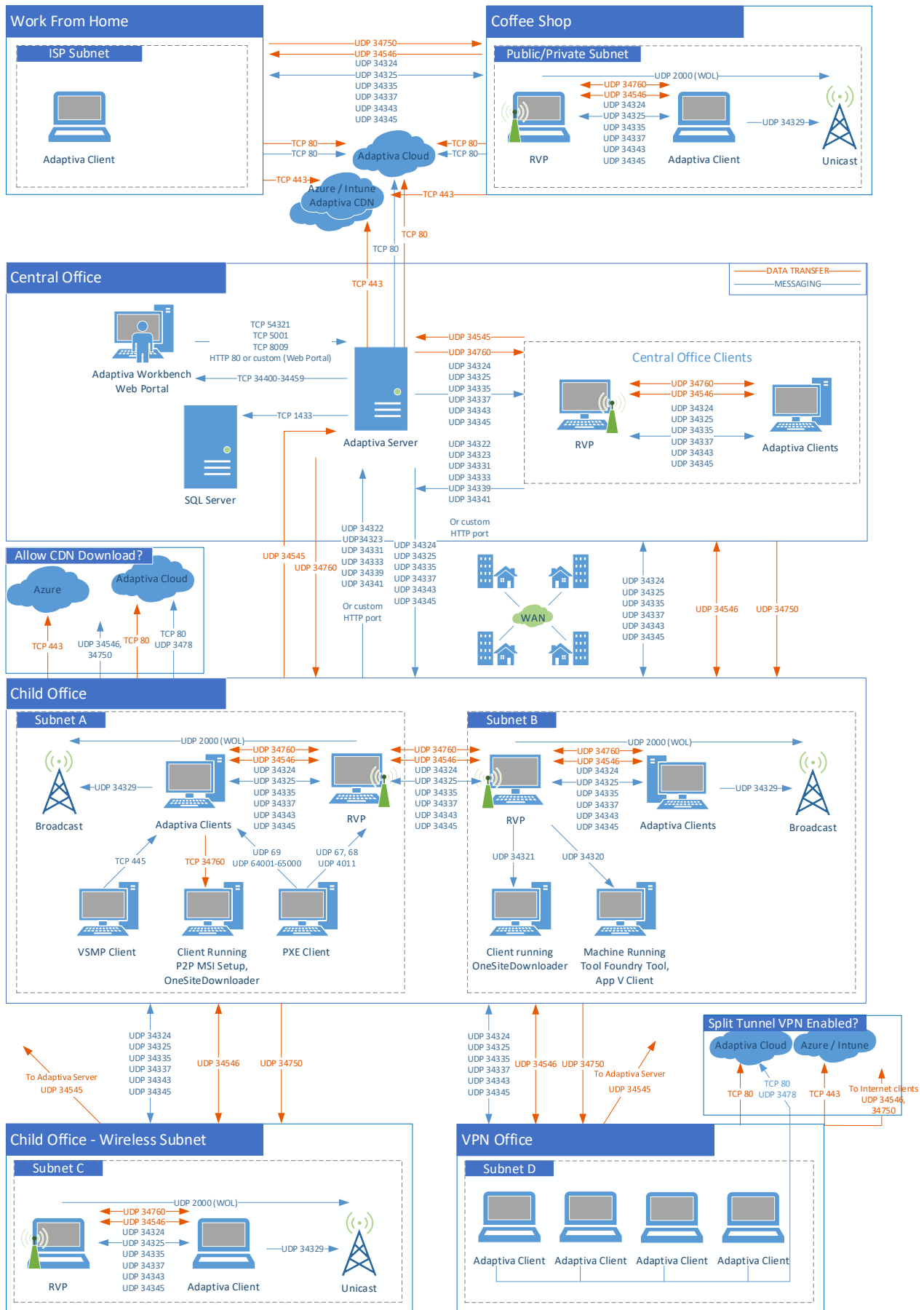


Communication Port and Flow Diagrams

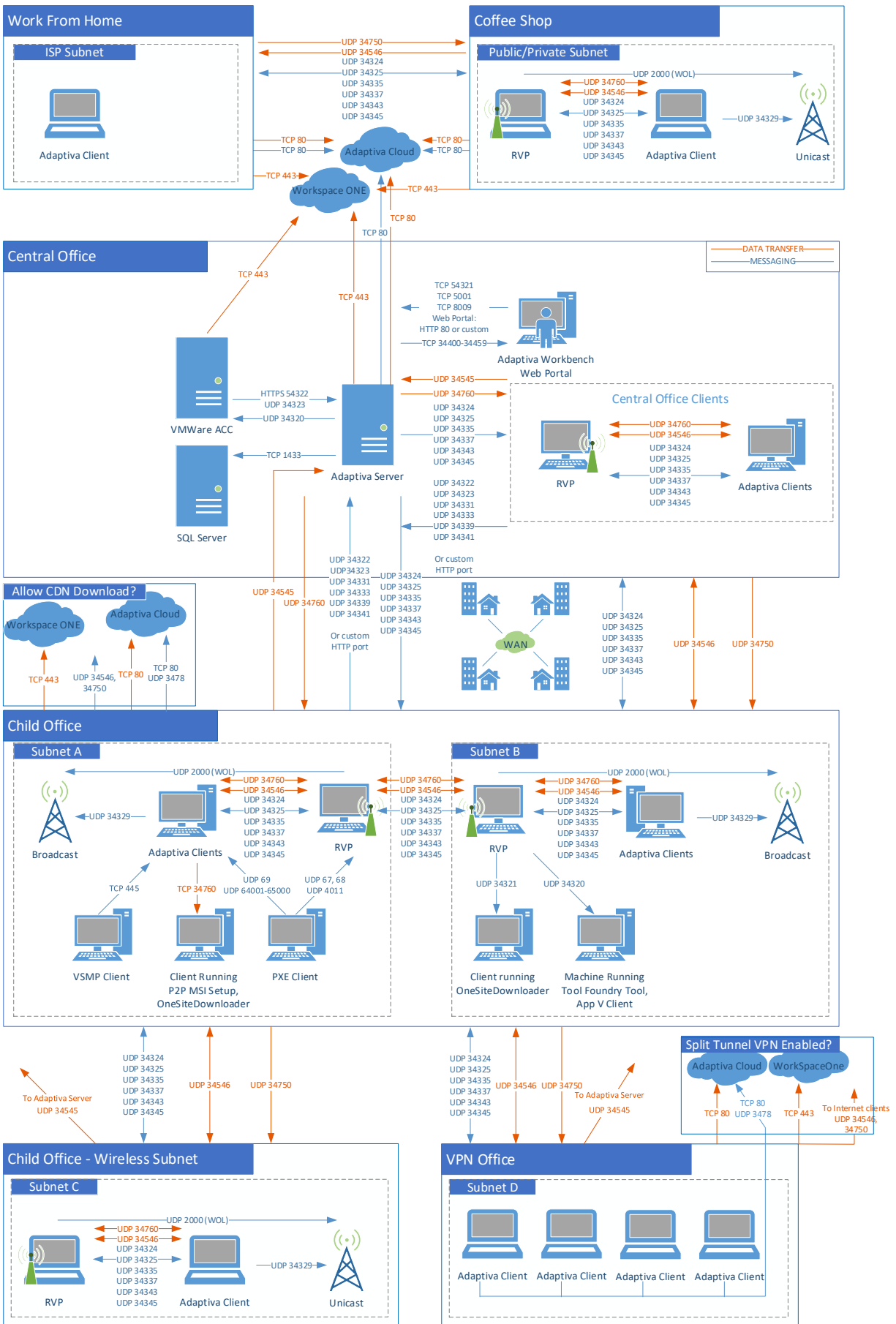
Microsoft EndPoint Manager – Configuration Manager



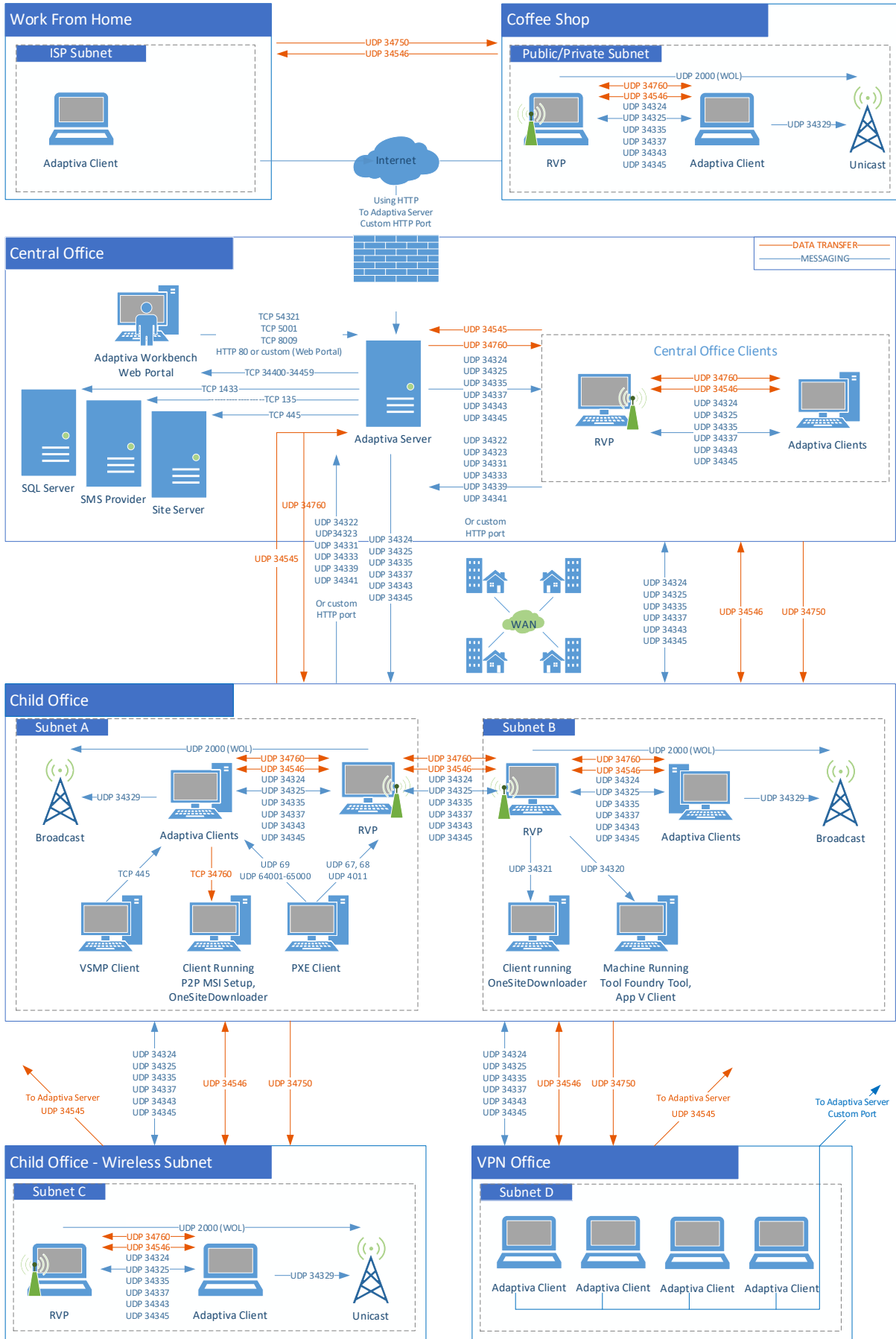
Microsoft Endpoint Manager - Intune



VMWare Workspace ONE



ConfigMgr with Custom Port Messaging (No Cloud Relay)



List of All Adaptiva Ports

Sending Entity	Receiving Entity	Protocol	Port	Description and Purpose	Listening Process
Messaging from Client -> Server					
All Adaptiva Clients	Adaptiva Server	UDP	34322	After client receives small messages, client acknowledges or replies to server	AdaptivaServerService.exe
All Adaptiva Clients	Adaptiva Server	UDP	34323	Client sending small messages to server	AdaptivaServerService.exe
All Adaptiva Clients	Adaptiva Server	UDP	34331	Large replies from client to server using Foreground Adaptive Protocol	System
All Adaptiva Clients	Adaptiva Server	UDP	34333	Client sending large messages to server using Foreground Adaptive Protocol	System
All Adaptiva Clients	Adaptiva Server	UDP	34339	Large replies from client to server using Background Adaptive Protocol	System
All Adaptiva Clients	Adaptiva Server	UDP	34341	Client sending large messages to server using Background Adaptive Protocol	System
Messaging from Server -> Client					
Adaptiva Server	All Adaptiva Clients	UDP	34324	After server receives small messages, server acknowledges or replies to client	AdaptivaClientService.exe
Adaptiva Server	All Adaptiva Clients	UDP	34325	Server sending small messages to client	AdaptivaClientService.exe
Adaptiva Server	All Adaptiva Clients	UDP	34335	Large replies from server to client using Foreground Adaptive Protocol	System
Adaptiva Server	All Adaptiva Clients	UDP	34337	Server sending large messages to client using Foreground Adaptive Protocol	System
Adaptiva Server	All Adaptiva Clients	UDP	34343	Large replies from server to client using Background Adaptive Protocol	System
Adaptiva Server	All Adaptiva Clients	UDP	34345	Server sending large messages to client using Background Adaptive Protocol	System
Messaging from Client -> Client					
All Adaptiva Clients	Adaptiva Clients in same office, in parent offices, in child offices	UDP	34324	After client receives small messages from another client, acknowledgements and replies are sent to this port	AdaptivaClientService.exe

All Adaptiva Clients	Adaptiva Clients in same office, in parent offices, in child offices	UDP	34325	Client sending small messages to other clients	AdaptivaClientService.exe
All Adaptiva Clients	Adaptiva Clients in same office, in parent offices, in child offices	UDP	34335	Large replies from client to client using Foreground Adaptive Protocol	System
All Adaptiva Clients	Adaptiva Clients in same office, in parent offices, in child offices	UDP	34337	Clients sending large messages to other clients using Foreground Adaptive Protocol	System
All Adaptiva Clients	Adaptiva Clients in same office, in parent offices, in child offices	UDP	34343	Large replies from client to client using Background Adaptive Protocol	System
All Adaptiva Clients	Adaptiva Clients in same office, in parent offices, in child offices	UDP	34345	Clients sending large messages to other clients using Background Adaptive Protocol	System
Messaging from Client -> Client Broadcast					
All Adaptiva Clients	Adaptiva Clients in same subnet	UDP	34329	Clients broadcasting requests to other clients	AdaptivaClientService.exe
Data Transfer from Server -> Client					
Adaptiva Server	Adaptiva Clients in Central Office	UDP	34760	Server sends content to client using Foreground Adaptive Protocol	System
Data Transfer from Client -> Client					
All Adaptiva Clients	Adaptiva Clients in same office	UDP	34760	Client sends content to other client in the same logical office using Foreground Adaptive Protocol	System
All Adaptiva Clients	Adaptiva Clients in child offices	UDP	34750	Client sends content to client in child offices using Background Adaptive Protocol	System
Data Transfer Control Ports Client -> Server, Client -> Client					
All Adaptiva Clients	Adaptiva Server	UDP	34545	Client sends control signal to server for any large transfer using Adaptive Protocol	System

All Adaptiva Clients	Adaptiva Clients in same office, in parent offices, in child offices	UDP	34546	Client sends control signal to other client for any large transfer using Adaptive Protocol	System
Internet Server Communication					
Adaptiva Server	Adaptiva Cloud Relay Service	UDP	3478	Adaptiva Server must be able to make Session Traversal Utilities for NAT (STUN) requests	AdaptivaServerService.exe
Adaptiva Server	Adaptiva Cloud Relay Service	ICMP		Adaptiva Server must be able to make ICMP (ping) requests to determine latency	AdaptivaServerService.exe
Internet Client Communication					
All internet-based Adaptiva Clients	Adaptiva Cloud Relay Service	UDP	3478	Clients must be able to make Session Traversal Utilities for NAT (STUN) requests	AdaptivaClientService.exe
All internet-based Adaptiva Clients	Adaptiva Cloud Relay Service, Ops Manager, Adaptiva CDN	HTTP	80	Clients contact services.adaptiva.cloud to relay policy information Content downloaded from the Adaptiva CDN	AdaptivaClientService.exe System
All internet-based Adaptiva Clients	Azure CDN	HTTP	443	Content downloaded from the Azure Storage account (only when using Azure Storage)	System
All internet-based Adaptiva Clients	Adaptiva CDN	HTTP	443	Content downloaded from the Adaptiva CDN Storage account	System
All internet-based Adaptiva Clients	Adaptiva Clients on internet	UDP	34546	Client sends control signal to other client for any transfer using Adaptive Protocol	System
All internet-based Adaptiva Clients	Adaptiva Clients on internet	UDP	34750	Client sends content to client on internet using Background Adaptive Protocol	System
Adaptiva P2P PXE					
PXE Client	PXE-Enabled Adaptiva Clients	UDP	67	PXE Server DHCP Discover	AdaptivaClientService.exe
PXE Client	PXE-Enabled Adaptiva Clients	UDP	4011	PXE Server DHCP request service port	AdaptivaClientService.exe
PXE Client	All Adaptiva Clients	UDP	69	TFTP Server listen port	AdaptivaClientService.exe

PXE Client	All Adaptiva Clients	UDP	34500-34599	TFTP Server data transfer ports	AdaptivaClientService.exe
Adaptiva OneSiteDownloader					
Adaptiva RVP	Client running OneSiteDownloader	UDP	34321	RVP responds to OneSiteDownloader with unpacked content reply	AdaptivaClientService.exe
All Adaptiva Clients	Client running OneSiteDownloader	TCP	34760	Client sends content to Client running OneSiteDownloader when using non SMB (TCP) mode (from version 5.5.668 and above)	AdaptivaClientService.exe
Adaptiva P2P App-V (version 3)					
Adaptiva RVP	App-V Client	UDP	34320	RVP responds to App-V client with location of virtual application	AppVClient.exe
Adaptiva P2P Installer					
Adaptiva Clients in same subnet	Machine running MSI Setup	TCP	34760	Client Installer retrieval port on machine where MSI is running	AdaptivaP2PClientInstaller.EXE
Adaptiva Workbench -> Server					
Adaptiva Workbench	Adaptiva Server	TCP	54321	Workbench -> Server HTTP request port	AdaptivaServerService.exe
Adaptiva Workbench	Adaptiva Server	TCP	5001	Workbench -> Server SOAP port	AdaptivaServerService.exe
Adaptiva Workbench	Adaptiva Server	TCP	8009	Workbench -> Server AJP connector request port	AdaptivaServerService.exe
Adaptiva Server -> Workbench					
Adaptiva Server	Adaptiva Workbench	TCP	34400-34459	Workbench Notification Receive port	AdaptivaWorkbench.exe
Wake On Lan					

Adaptiva Client	WOL enabled machine	UDP	2000	Magic packet broadcast is sent on this port.	Machine NIC
VSMP Client -> Client					
Any Adaptiva Client	All Adaptiva Clients	TCP	445	SMB File transfer for USMT Backup	AdaptivaClientService.exe
Adaptiva Tool Foundry Tools					
Adaptiva Client or Adaptiva Server	Machine running Tool	UDP	34320	Adaptiva Client or Server responds to the tool	Custom Tool Executable
Adaptiva SDK (HTTPS) - VMWare ACC -> Adaptiva Server					
VMWare ACC/Any machine using SDK	Adaptiva Server	HTTPS	54322	Adaptiva API execution over HTTPS (2 way authentication using the certs previously exchanged between Adaptiva server and sending machine)	AdaptivaServerService.exe
VMWare ACC	Adaptiva Server	UDP	34323	ACC Sending Hello Server to Adaptiva Server	AdaptivaServerService.exe
Adaptiva SDK (HTTPS) - Adaptiva Server -> VMWare ACC					
Adaptiva Server	VMWare ACC	UDP	34320	Adaptiva Server responds with ACK to VMWare ACC	Custom Tool Executable
Adaptiva Web Portal					
Any client	Adaptiva Server	HTTP	80 or User defined at Setup	Adaptiva Web Portal communication	AdaptivaServerService.exe
Any client	Adaptiva Server	HTTP	54323	Internal Adaptiva Web Portal communication	AdaptivaServerService.exe
Any client	Adaptiva Server	HTTP	54324	WebUI / Dashboard customization and authoring	AdaptivaServerService.exe

Adaptiva HTTP Communications Client -> Server

Any client	Adaptiva Server	HTTP	User defined at Setup	Adaptiva HTTP Communications	AdaptivaServerService.exe
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Adaptiva Cloud

Any Adaptiva client on the internet	Adaptiva Cloud Relay Service	HTTP	80	Cloud Relay, Ops Manager traffic	AdaptivaClientService.exe
Adaptiva Server	Adaptiva Cloud Relay Service	HTTP	80	Cloud Relay, Ops Manager traffic	AdaptivaServerService.exe
Adaptiva Server	Azure	HTTP	443	Intune application creation	AdaptivaServerService.exe
Adaptiva Server	Adaptiva CDN	HTTP	443	Content publishing to Adaptiva CDN	AdaptivaServerService.exe

CDN

Any Adaptiva client on the internet	Adaptiva CDN (http or https); WorkspaceONE CDN (https); or Azure CDN (https)	TCP	80, 443	HTTP(s) file transfer from CDN	AdaptivaClientService.exe
Central Office Adaptiva Clients or clients in an office configured with Allow CDN Download	Adaptiva CDN (http or https); WorkspaceONE CDN (https); or Azure CDN (https)	TCP	80, 443	HTTP(s) file transfer from CDN (WS1 CDN is https only. URLs: *.awmdm.com *.airwatchportals.com; Adaptiva CDN URLs: *.adaptivacd.cloud; Azure is https only URLs: *.windows.net)	AdaptivaClientService.exe

VMWare ACC -> AirWatch (192.30.64.0 - 192.30.79.255)

VMWare ACC	AirWatch	HTTPS	443	AirWatch ACC Communications	System
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AirWatch (192.30.64.0 - 192.30.79.255) -> VMWare ACC

AirWatch	VMWare ACC	HTTPS	443	AirWatch ACC Communications	System
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