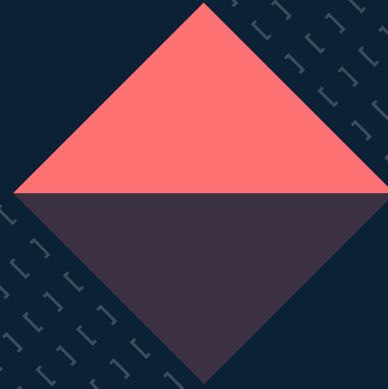


Pexip Self Hosted – Teams Connector

2024

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Pexip Infrastructure Solution Components (All OnPrem Example)

Core Components

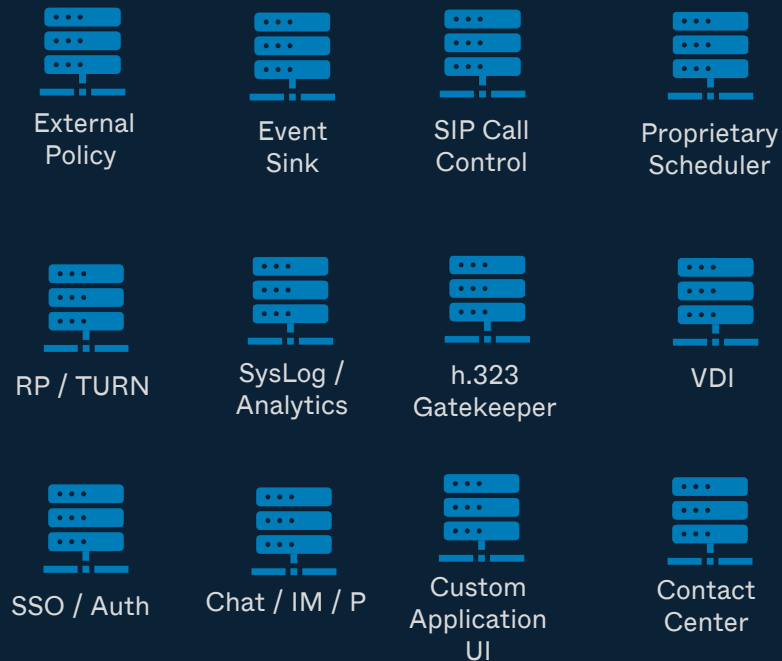


vmware®

NUTANIX



Example of 3rd-
party Instances
that are commonly
integrated with
Infinity

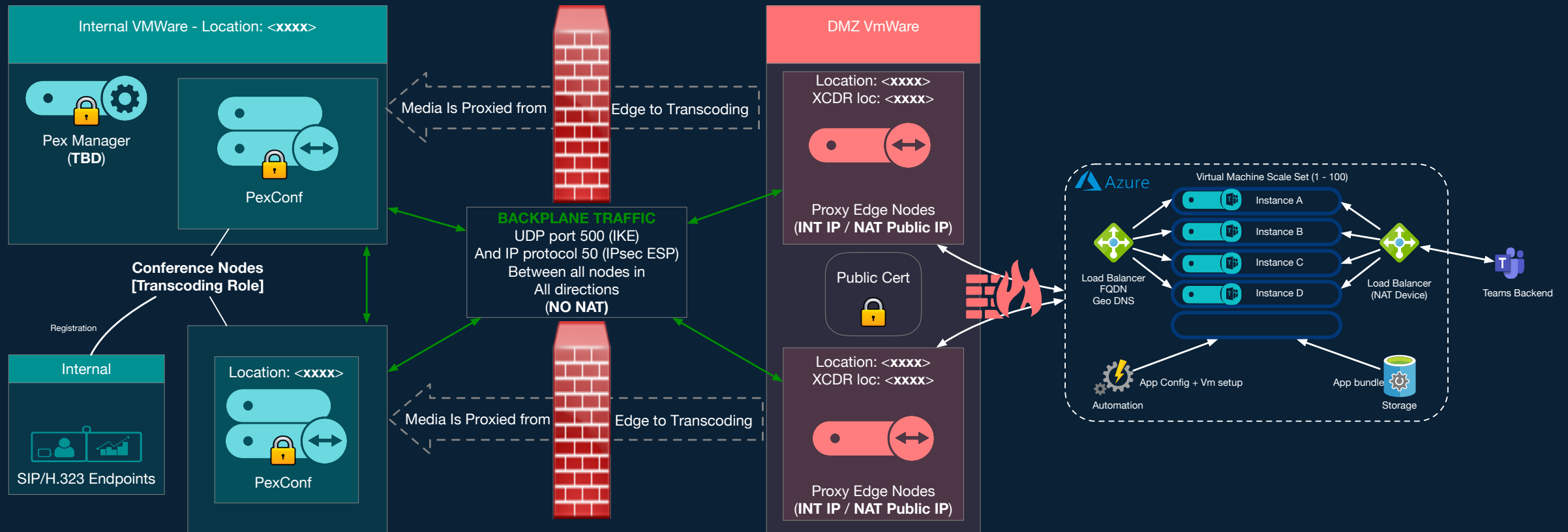


Teams Connector**

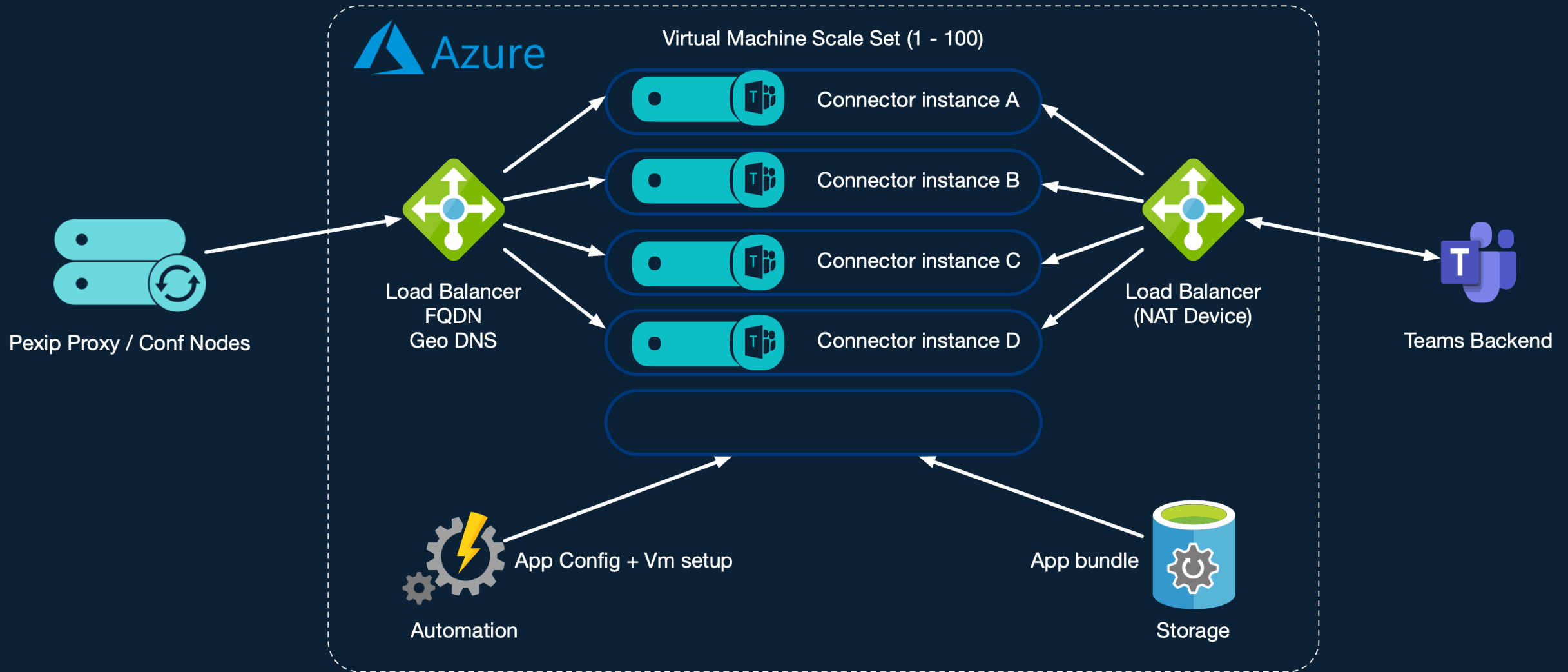


- Solution co-developed with Microsoft. (Infinity Required)
- Made up of Azure components (so Azure required)
- Allows for SIP/h.323 devices to interop with MS Teams (in supported tenants)

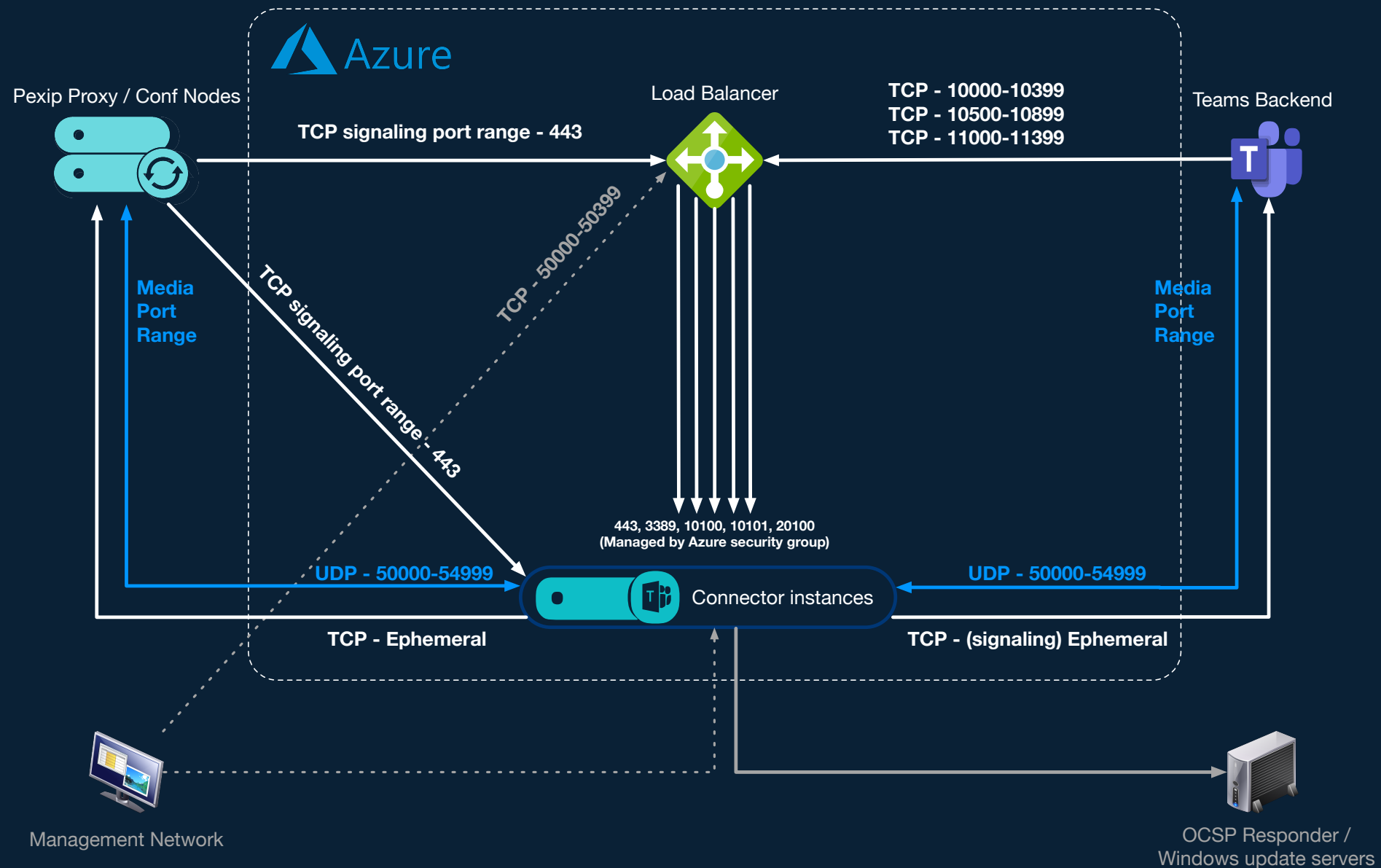
Teams Connector Traffic Flow



Teams Connector Components



Teams Connector TCP/UDP Ports Breakdown



Management Node



Management
Node



Conference
Node



Edge Node



- Hosts admin web UI
- Configure and create conferencing nodes
- Configure services
- Configure platform-wide and location specific policies
- Monitor live calls / conferences
- Aggregate conferencing node log data
- Hosts management API
- One Instance Only

Conference Node(s) – aka Transcoding Node



Management
Node



Conference
Node



Edge Node

- Minimum of One, but can scale to 150+
- Grouped in logical locations
- Runs H323/SIP/WebRTC
- Does all platform "heavy lifting"
- Video and audio processing
(Individual transcoding & trans-rating)
- CPU-Heavy VM

Edge Node(s) – aka Proxy Node



Management
Node



Conference
Node



Edge Node

- Not a hard requirement for Pexip to work
- Serves as Pexip's FW Traversal Device
- Identical software to conference nodes; but no transcoding
- Handles Signaling and Smart Load Balancing
- Proxies media to Conference nodes
- If present in architecture, it will often have Single NIC with a Static NAT or Dual NIC.

]rexiP[