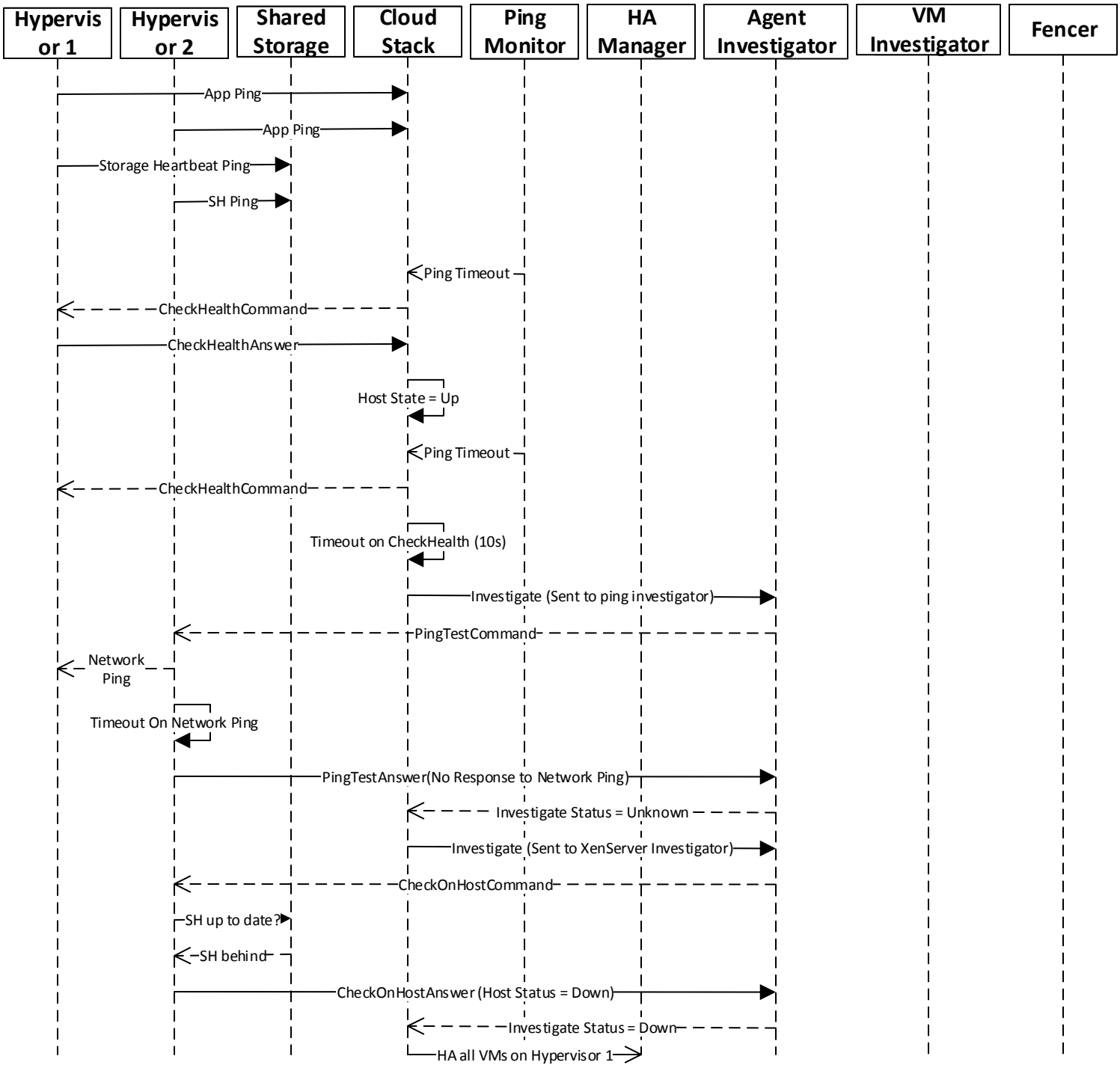
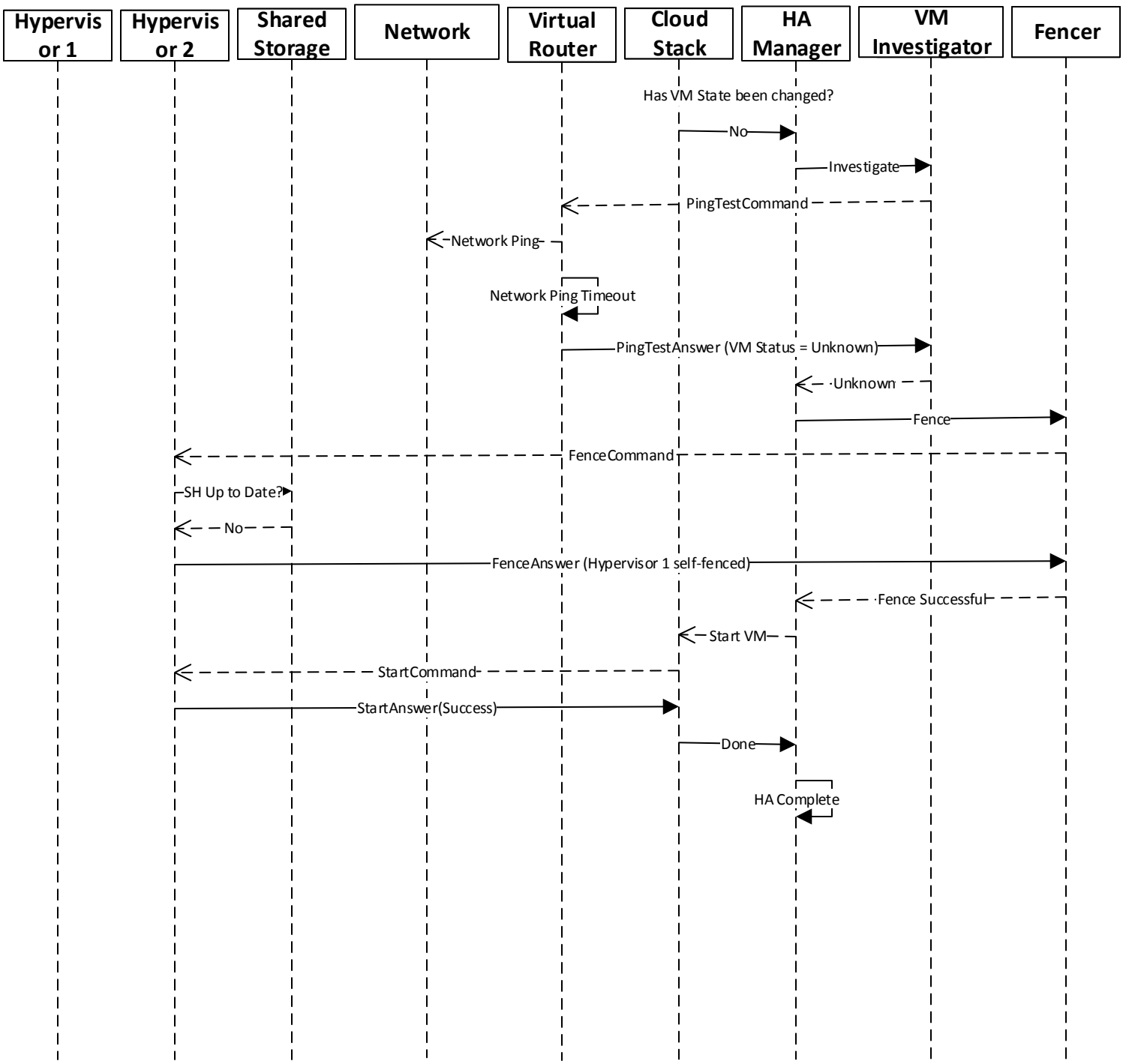

Hypervisor 1
Hypervisor 2
Shared Storage
Cloud Stack
Ping Monitor
HA Manager
Agent Investigator
VM Investigator
Fencer
App Ping
App Ping
Storage Heartbeat Ping
SH Ping
Ping Timeout
CheckHealthCommand
CheckHealthAnswer
Host State = Up
Ping Timeout
CheckHealthCommand
Timeout on CheckHealth (10s)
Investigate (Sent to ping investigator)
PingTestCommand
Network Ping
Timeout On Network Ping
PingTestAnswer(No Response to Network Ping)
Investigate Status = Unknown
Investigate (Sent to XenServer Investigator)
CheckOnHostCommand
SH up to date?
SH behind
CheckOnHostAnswer (Host Status = Down)
Investigate Status = Down
HA all VMs on Hypervisor 1


Hypervisor 1
Hypervisor 2
Shared Storage
Network
Virtual Router
Cloud Stack
HA Manager
VM Investigator
Fencer
Has VM State been changed?
No
Investigate
PingTestCommand
Network Ping
Network Ping Timeout
PingTestAnswer (VM Status = Unknown)
Unknown
Fence
FenceCommand
SH Up to Date?
No
FenceAnswer (Hypervisor 1 self-fenced)
Fence Successful
Start VM
StartCommand
StartAnswer(Success)
Done
HA Complete