

Sample Agency IPv6 Execution Timeline 2012 Public Facing Execution	Key Stakeholders (External)	Milestone							
		1 Jun-11	2 Dec-11	3 Jun-12	4 Dec-12	5 Jun-13	6 Dec-13	7 Jun-14	8 Dec-14
Network Connectivity									
Internet Gateway 1 IPv6 Enabled	Networx or other Carriers (ISP)	Complete							
Internet Gateway 2 IPv6 Enabled		In Progress	Complete						
Internet Gateway 3 IPv6 Enabled		In Progress							
Internet Gateway 4 IPv6 Enabled		In Progress							
Addressing									
ISP Provided IPv6 Addresses	Networx or other Carriers (ISP)	Complete							
Announce Agency IPv6 Addresses	ARIN	In Progress	Complete						
Routing									
Basic IPv6 Routing	Networx or other Carriers (ISP) Routing Vendors	Complete							
IPv6 BGP Routing Gateway 1		In Progress	Complete						
IPv6 BGP Routing Gateway 2		In Progress	Complete						
IPv6 BGP Routing Gateway 3		In Progress	Complete						
IPv6 BGP Routing Gateway 4		In Progress	Complete						
IPv6 Multi-home Routing		In Progress	Complete						
Domain Name Services (DNS)									
ns1 IPv6 enabled	GSA (.gov) DNS Providers	Complete							
ns2 IPv6 enabled		In Progress	Complete						
ns3 IPv6 enabled		In Progress							
ns4 IPv6 enabled		In Progress							
Primary Agency Domain (www.agency.gov)									
Phase 1	Cloud/Hosting Providers	Complete							
Phase 2	Web Vendors	In Progress	Complete						
Mail									
Inbound SMTP IPv6 Enabled	Cloud/Hosting Providers	In Progress	Complete						
Outbound SMTP IPv6 Enabled	SMTP/Mail Security Vendors		In Progress	Complete					
Security									
DMZ Basic IPv6 Security	MTIPS/TICAP Providers	Complete							
DMZ Comparable IPv6 Security	Security Vendors	In Progress	Complete						
Full IPv6 Security	Security Service Providers		In Progress	Complete					
Network Management									
Basic IPv6 Network Management	Network Management Vendors	Complete							
Comparable IPv6 Network Management		In Progress	Complete						
Full IPv6 Network Management			In Progress	Complete					
Public Facing Domains									
1 Public Facing Domain IPv6 Enabled	Cloud/Hosting Providers Web Vendors	Complete							
35% Public Facing Domains IPv6 Enabled		In Progress	Complete						
100% Public Facing Domains IPv6 Enabled		In Progress	Complete						
Pilots									
Mission Pilots	Impacted Vendors/Providers	In Progress	Complete						

Legend	
	In Progress
	Complete

Sample Agency IPv6 Execution Timeline 2014 Enterprise Network Execution	Key Stakeholders (External)	Milestone							
		1	2	3	4	5	6	7	8
		Jun-11	Dec-11	Jun-12	Dec-12	Jun-13	Dec-13	Jun-14	Dec-14
Network Connectivity									
Core/Backbone Network	Networkx or other Carriers Router Vendors								
Infrastructure Routers 25%									
Infrastructure Routers 50%									
Infrastructure Routers 100%									
Addressing									
Internal IPv6 Addresses Allocated	ARIN DCHPv6 Vendors								
DHCPv6 Enabled 25%									
DHCPv6 Enabled 50%									
DHCPv6 Enabled 100%									
Routing									
Core/Backbone Network Routing	Networkx or other Carriers Router Vendors								
Infrastructure Routing 25%									
Infrastructure Routing 50%									
Infrastructure Routing 100%									
Domain Name Services (DNS)									
Internal DNS IPv6 Enabled	DNS Vendors								
Data Centers									
Data Center 1 IPv6 Enabled	Networkx or other Carriers Router Vendors IT Vendors Service Providers								
Data Center 2 IPv6 Enabled									
Data Center 3 IPv6 Enabled									
Data Center 4 IPv6 Enabled									
Mail									
Exchange IPv6 Enabled	Mail Vendors								
Internal Applications & Services									
IPv6 Enabled Apps & Services 25%	Application Vendors Service Providers IT Vendors								
IPv6 Enabled Apps & Services 50%									
IPv6 Enabled Apps & Services 75%									
IPv6 Enabled Apps & Services 100%									
End Device Transition									
Internal Servers IPv6 Enabled 25%	Server & OS Vendors Virtualization Vendors IT Vendors								
Internal Servers IPv6 Enabled 50%									
Internal Servers IPv6 Enabled 75%									
Internal Servers IPv6 Enabled 100%									
User Computers IPv6 Enabled 25%	Laptop/Desktop & OS Vendors								
User Computers IPv6 Enabled 50%									
User Computers IPv6 Enabled 75%									
User Computers IPv6 Enabled 100%									
PDA/Mobile Devices IPv6 Enabled 25%	PDA Vendors								
PDA/Mobile Devices IPv6 Enabled 50%									
PDA/Mobile Devices IPv6 Enabled 75%									
PDA/Mobile Devices IPv6 Enabled 100%									
Mission Devices IPv6 Enabled 25%	IT Vendors Device Vendors								
Mission Devices IPv6 Enabled 50%									
Mission Devices IPv6 Enabled 75%									
Mission Devices IPv6 Enabled 100%									
Pilots									
Enclave Pilot Phase 1	IT Vendors								
Enclave Pilot Phase 2									
Enclave Pilot Phase 3									