PoP	Partner (SmartPoP Provider) PART	Integrator (FusionStorm)	Network Infrastructure Engineering NIE	Product Management _{Prod}	Project Management _{PM}	Network Strategy	Network Architecture Engineering	Network Operations		SysOps	EdgeQuery	Operations Engineering
	Complete SmartPoP Questionnaire I: Signed Contract D: 10 days O: Submitted Questionnaire PART		Collaborate until complete		Complete SmartPoP Questionnaire I: Signed Contract D: 10 days O: Submitted Questionnaire PM	SmartPoP Contract Signed I: E: O: Signed contract for SmartPoP NS						
			Review SmartPoP Questionnaire I: SmartPop post- sales Questionnaire E: 2 hours D: 10 days O: Reviewed Questionnaire; power availability, site address, Partner's ensuite NIE		Review SmartPoP Questionnaire I: SmartPop post- sales Questionnaire E: 2 hours D: 10 days O: Reviewed Questionnaire; power availability, site address, Partner's ensuite	Review SmartPoP Questionnaire I: SmartPop post- sales Questionnaire E: 2 hours D: 10 days O: Reviewed Questionnaire; power availability, site address, Partner's ensuite NS	Review SmartPoP Questionnaire I: SmartPop post- sales Questionnaire E: 2 hours D: 10 days O: Reviewed Questionnaire; power availability, site address, Partner's ensuite NAE					
Pre-Requisites			r diener 9 erbane Nie		Create Ticket for IP Blocks/ Site Resources I: Signed contract E: 1 hour O: Ticket created for IP blocks/site resources NS	Tarther 3 chaute NS	Allocate IP Blocks, Assign Site Resources (Full PoP) I: IPAM (available blocks) E: 1 day O:Allocated IP					
							Assign VLAN/ Distribute IPs I: BOM, IP/ Partner block allocation, guidelines for IP dist. E: 2 days O: Spreadsheet NAE					
			Validate VLAN/ IP Distribution I: Spreadsheet, site ID, ASN, etc. E: 1 day O: Validated Spreadsheet NIE		Validate VLAN/ IP Distribution I: Spreadsheet, site ID, ASN, etc. E: 1 day O: Validated Spreadsheet PM		Validate VLAN/ IP Distribution I: Spreadsheet, site ID, ASN, etc. E: 1 day O: Validated Spreadsheet NAE		Validate VLAN/ IP Distribution I: Spreadsheet, site ID, ASN, etc. E: 1 day O: Validated Spreadsheet SO			
			I: Architecture, CDN capacity for PoP, other services E: 5 days O: BOM NIE	Create BOM (if full PoP) I: Architecture, CDN capacity for PoP, other services E: 5 days O: BOM Prod	Create BOM I: Architecture, CDN capacity for PoP, other services E: 5 days O: BOM PM	Create BOM I: Architecture, CDN capacity for PoP, other services E: 5 days O: BOM NS	Create BOM I: Architecture, CDN capacity for PoP, other services E: 5 days O: BOM NAE					
					Request Config Docs I: Questionnaire E: 1 hour O: Request for Rack Layout Diagram, Port Mapping Doc, Install Doc							
			I: BOM E: 5 days O: Validated BOM	Validate BOM (if full PoP) I: BOM E: 5 days O: Validated BOM Prod	Validate BOM I: BOM E: 5 days O: Validated BOM	I: BOM E: 5 days O: Validated BOM NS	I: BOM E: 5 days O: Validated BOM					
			Create Rack Layout Diagram I: Request for cage layout, BOM E: 7 days O: Rack Layout Diagram, Port Mapping Doc, Install Doc NIE	ldentify/ On	der Equipment Validate Config	Confirm DNS Delegation (SmartPoP) I: Questionnaire E: Varies greatly O: Validated DNS delegation						
			Identify Equipment Source I: BOM, warehouse inventory E: 2 hours D: 5 days O: Breakdown of equipment, order ownership NIE		Identify Equipment Source I: BOM, warehouse inventory E: 2 hours D: 5 days O: Breakdown of equipment, order ownership PM	Validate Reverse DNS (SmartPoP) I: Questionnaire E: Varies greatly O: Validated Reverse DNS NS						
guration			Order LLNW Equipment I: Equipment identified in ware house E: 4 hours D: 4-6 weeks O: Equipment ordered, equipment		Order LLNW Equipment I: Equipment identified in warehouse E: 4 hours D: 4-6 weeks O: Equipment ordered, equipment							
Identify and Order Equipment/ Validate Configuration			configured and ready to ship Order Integrator Equipment I: Equipment identified, BOM E: O: Equipment ordered for Integrator NIE		configured and ready to ship Order Integrator Equipment I: Equipment identified, BOM E: O: Equipment ordered for Integrator PM							
Identify and Or			Ship Equipment to Warehouse I: Ordered equipment E: Varies O: Equipment shipped to warehouse NIE Configure IP/									
			OS on LLNW Equipment (X9/ LXVM) I: Equipment identified in warehouse E: 4 hours D: 5 days O: Equipment configured and ready to ship NIE									
			Ship LLNW Equipment to Integrator I: Configured equipment E: 4 hours D: 5 days O: Equipment sent to Integrator									
			Put Info into Cornerstone I: Integrator equipment ordered E: 1-2 days O: Updated info in Cornerstone Receive/ Configure									
			Integrator Equipment I: Equipment identified in warehouse; info in Cornerstone E: Unknown O: Equipment ordered, equipment configured and ready to ship									
		Receive/ Rack Equipment I: Partially configured equipment E: Unknown O: Racked equipment INT	Ship Equipment to Integrator I: Partially configured equipment E: 3 hours D: 5 days O: Equipment sent to Partner									
							Configure Equipment @ Integrator Site P1 (MOR) I: All config tasks (in IPAM ideally)					
							E: 8 hours O: Configured equipment @ Partner site Configure Equipment @ Integrator Site P1 (MPR) I: All config tasks (in					
							IPAM ideally) E: 8 hours O: Configured equipment @ Partner site NAE Configure IPMI Switch I: All config tasks E: 4 hours					
		Send Equipment to Partner Site I: All required equipment for site E: Varies O: Equipment on					O: Configured equipment @ Partner site Add Info to Cornerstone I: Spreadsheet E: 1 hour O: Updated Cornerstone, D: 10					
nt		O: Equipment on site INT Install Equipment @ Partner Site I: All required equipment @ site, Cage Layout Diagram, Install Doc, Port Mapping Doc					Create Configs on Equipment @ Site (head end MOR) I: Equipment onsite E: 1 hour					
Configure and Stand up Equipment		E: Varies on the high end D: 50 days (Manila) O: Equipment installed on site					O: Verified configs on equipment Submit Ticket for LDAP Creation I: E: O: NAE					
33							LDAP Creation I: E: O: NAE	Turn Up (Network Engineering) I: Equipment configured @ site E: Unknown O: Completed configuration NO				
					Peer Review Setup I: Configured network E: 3 hours D: 11 days O: Validated network configs PM		Peer Review Setup I: Configured network E: 3 hours D: 11 days O: Validated network configs NAE	Peer Review Setup I: Configured network E: 3 hours D: 11 days O: Validated network configs NO				
							Create Ticket for NetOps Acceptance I: Validated network configs E: 1 hour O: Ticket created for NetOps acceptance Request BGP Turnup	Receive Ticket/ for Site Validation/				
							I: Validated network configs E: 2 hours O: Request for BGP to be turned up NAE	Network Configuration I: Acceptance Ticket E: O: NetOps Acceptance Submit Ticket for Server/	Verify NetOps Handoff			
								Hardware Verification I: Hardware installed E: .5 hours O: Ticket for Sys Ops to verify hardware NO	I: Installed hardware, configured routers/ switches, ticket for SysOps E: 1-2 hours O: Configuration can begin SO			
SysOps Pre-Work							Verify Updated Control IP Whitelist I: IP block E: 1 hour O: IPs added to Control whitelist NAE		Verify Zone Delegation I: IP block E: 1-2 hours if correct; 1-2 days if incorrect O: Reverse DNS verified Update Se ACLs and Config I: IP block, in IP allocation E: 7 hours O: ACLs upda appropriate I	d Site Databases I: Site code, regions, PoP location E: 2 hours O: Updated Billing dh SO Site Database I: Site code E: 2 hours O: Updated Site database	Request Splunk Lookup Table I: Site code, lat/ long, PoP type E: 1 hour O: Updated Splunk lookup table EQ	
Configure Infrastructure							Submit CR Notification for Whitelist I: Updated Control whitelist E: .5 hours O: CR submitted for customer notification NAE		E: 3 flours	Squelch Devices for 1 Year I: Device list E: 1 hour O: Squelched devices		
									Configure CDS Servers I: Hardware, connectivity E: 5 hours O: Configured CDS Purge DST I: Machine in place E: 5 hours O: Purged DST	Configure FCDS I: #servers, hardware type E: 1-2 days (live), 1 week (OD) O: Configure ICS Cache DNS I: Every PoP E: 2 hours O: Cached DNS O: Cached DNS		
									Configure MS- OPS I: IP range E: 2 hours O: Configured MS- OPS Configure DNS100 (Geo) I: Hardware-auto, virtual-manual E: 3 hours O: Configured DNS	Configure SHOUTcast I: Capacity E: 2 hours O: Configured SHOUT cast Configure Zabbix Proxy I: Available machine E: 4 hours O: Configured SHOUT cast Create SLB I: IP info, SLB? E: 2 hours O: SLB software/ service created		
Image and Configure CDN Servers									or VM? E: 4 hours	Configure DNS300 (DNS- XD) I: Usually VM E: 5 hours O: Configured DNS300 Duration 10 days So		
									E: 5 hours E: 4-6 hours O: Standup mappers O: Standup storage	Configure Bricks I: Cloud storage, DNS-XD, tag, tagset info E: 4-6 hours O: Standup storage Configure LTX (MMD Live) I: MMD Live?, capacity, DNS E: 4-6 hours O: Configured servers E: 1-2 hours O: Comerstone updated SO		
								Configure BGP I: JIRA ticket, configured MS-OPS and DNS E: Days if no action O: Configured BGP		Create JIRA Ticket for BGP I: Configured servers, updated Cornerstone E: 1 hour O: JIRA ticket for BGP SO		
												Submit New PoP Change Request I: SysOps work completed E: 1 hour O: Change request for new PoP OE Configure UNIX Configure RTT Verify/
												ACLS I: IP blocks E: 3.5 hours O: IP ACL for ICS and parent layer caching O: RTT map file for entire network Configure IPSCC List I: IP ranges E: 4-5 hours O: Updated middleware services
												Regenerate Low-Loss Server Pool I: UNIX script, machines in service E: 2 hours O: Flat data file for custom server groups Inflate RTT/ Review Longtail I: YAML file E: 1 hour O: Geo and EP use Inflate RTT/ Review Longtail I: PoP type, advance planning E: 1 hour O: Manual entry Is Site Geo Groups I: Site name E: 2 hours O: a1, a2, Enterprise added to geo.conf
Configure Services												Configure FLBs I: Network, IP info, network acceptance E: 1-2 days O: Configured VM Configure ALBs I: ICO network config E: 1-2 days O: SysOps images O: Arista in place
								Submit Ticket for LACP Bonding I: Configured SLB E: 1 hour O: Ticket for LACP Bonding NO				Validate SLB Connectivity I: Configured SLB E: Unknown O: Validated SLB connectivity
												Verify CDN Configs I: E: 2-3 days O: CDN configs verified OE Bring Site
												Bring Site Live I: All validations passed, approved CR, paperwork E: 8 hours O: Live site OE