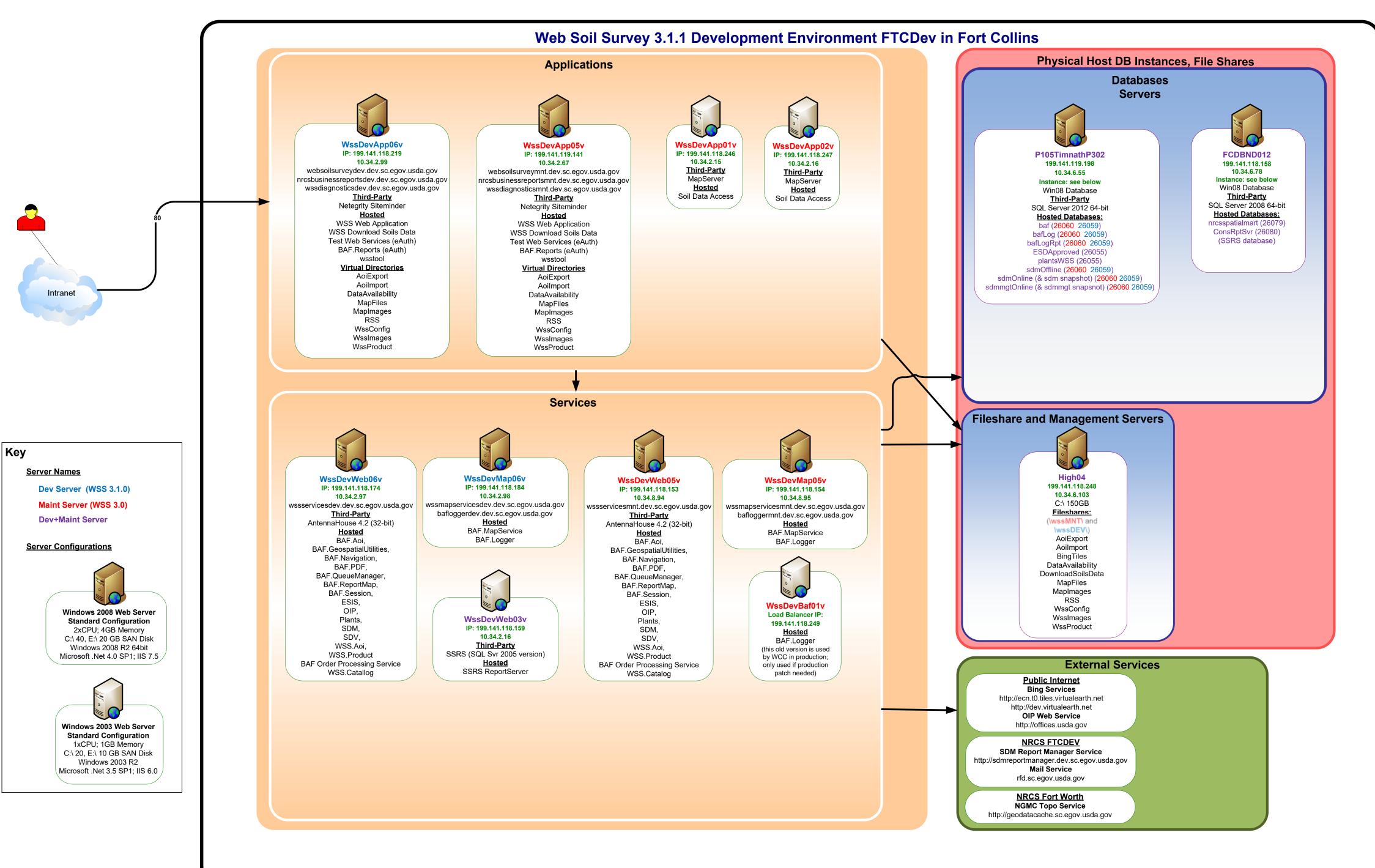
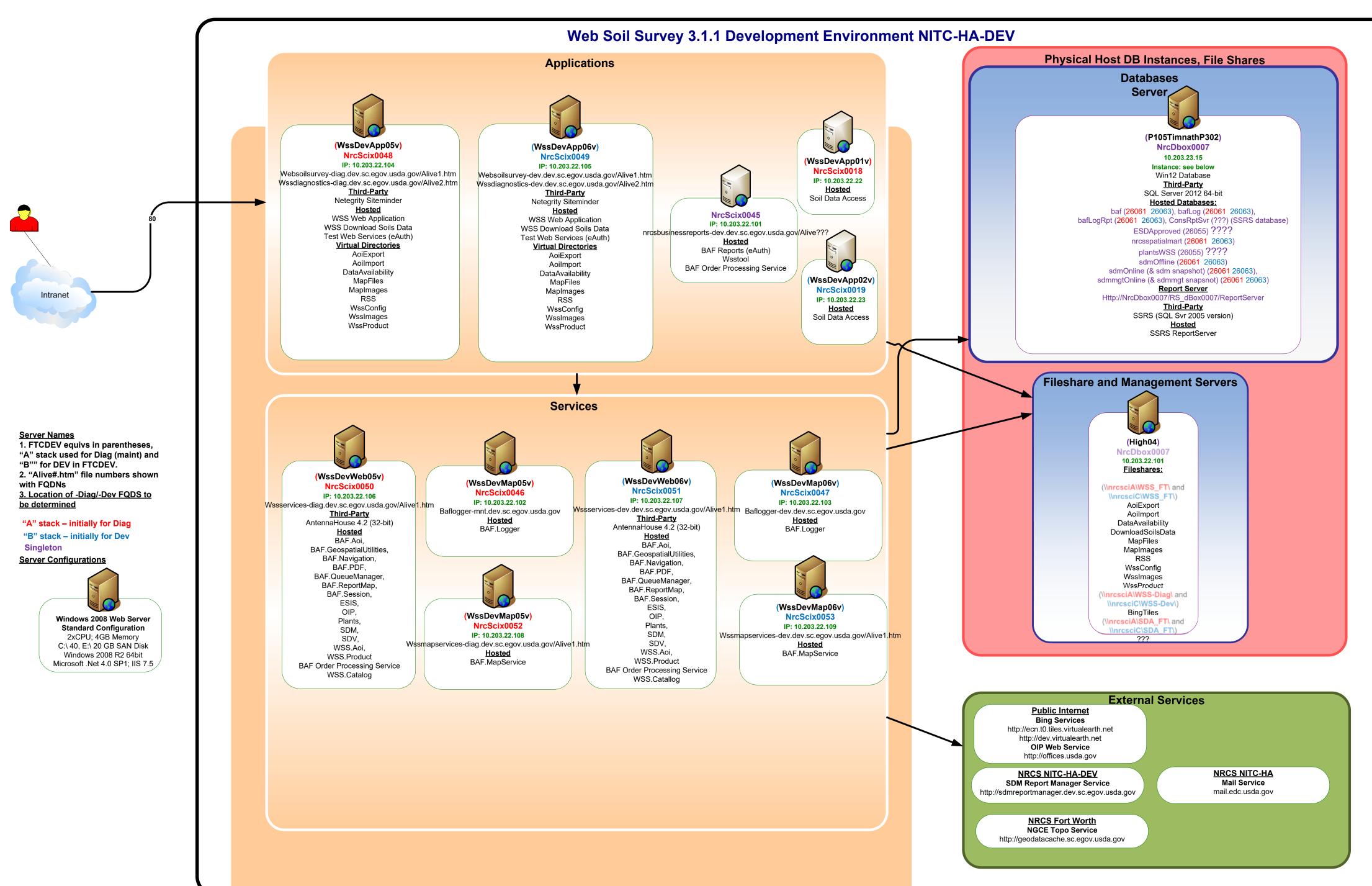
Network Architecture			Date and Time of Last Edit		5/1/2018 1:47 PM		
Application Project: WSS 3.0 at Fort Collins for Development			DE\(/	PEOPLETION		D. T.E.	
File Name: WSS 3.3.0 NITC-HA-DEV Network Diagram_20180427.vsd Agency: NRCS		Agency: NRCS	REV.	DESCRIPTION		DATE	BY
Web Farm Environment: FTCDEV	Request for Change	Creation Date: 02/21/2013	1.0	Created initial diagram As-built for WSS 3.1 (DEV) / 3.0 (Maint)		02/21/2013	-
	RFC #(n/a)	eAuthentication: Level 2	1.2	As-built for WSS 3.1.Dev/WS		7/23/2014	
	RFC Approval: xx/xx/xx	Page 1 of 1					\vdash
	CCB Approval: xx/xx/xx						\Box
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Network Architecture				and Time of Last Edit	5/1/2018 1:48 PM		
Application Project: WSS 3.1.1 at NITC-HA-Development			REV.	DESCRIPTION Created initial diagram		DATE 02/21/2013	BY
File Name: WSS 3.1 NITC-HA-DEV Network Diagram_20151102.vsd Agency: NRCS							
Web Farm Environment: FTCDEV	Request for Change	Creation Date: 02/21/2013	1.0	<u> </u>	Created initial diagram for WSS 3.1 (DEV) / 3.0 (Maint)		PA
	RFC #(n/a)	eAuthentication: Level 2	1.2	As-built for WSS 3.1.Dev/WS	, ,	7/23/2014	
	RFC Approval: xx/xx/xx	Page 2 of 1	2.0	Initial migration to NITC-	HA-DEV	10/28/2015	PA
	CCB Approval: xx/xx/xx						\vdash
						•	



load balancer baflogger-dev.dev.sc.egov.usda.gov 165.221.62.93 Alive1.html baflogger-diag.dev.sc.egov.usda.gov 165.221.62.107 Alive2.html NRCscix0046 10.203.22.102 NRCscix0047 10.203.22.103 WSS (LB certs for WssDiagnostics) websoilsurvey-dev.dev.sc.egov.usda.gov 165.221.62.94 Alive1.html wssdiagnostics-dev.dev.sc.egov.usda.gov 165.221.62.95 Alive2.html websoilsurvey-diag.dev.sc.egov.usda.gov 165.221.62.105 Alive3.html wssdiagnostics-diag.dev.sc.egov.usda.gov 165.221.62.109 Alive4.html NRCscix0048 10.203.22.104 NRCscix0049 10.203.22.105 wssservices-dev.dev.sc.egov.usda.gov 165.221.62.101 Alive1.html wssservices-diag.dev.sc.egov.usda.gov 165.221.62.110 Alive2.html NRCscix0050 10.203.22.106 NRCscix0051 10.203.22.107 WssMapServices load balancer wssmapservices-dev.dev.sc.egov.usda.gov 165.221.62.99 Alive1.html wssmapservices-diag.dev.sc.egov.usda.gov 165.221.62.108 Alive2.html NRCscix0052 10.203.22.108 NRCscix0053 10.203.22.109 Batch Server and Business Reports (nrcsbusinessreports) load balancer No LB, no "alive" file host with Certs nrcsbusinessreports-diag.dev.sc.egov.usda.gov nrcscix0045 10.203.22.101 nrcsbusinessreports-dev.dev.sc.egov.usda.gov nrcscix0045 10.203.22.101 Windows 2008 R2 IP nrcscix0045 10.203.22.101 Physical server: NRCdBox0007 Sql Instance: NRCdSciA=10.203.23.15,26021 (maint), NRCdSciB=10.203.23.15,26022 (tbd), NRCdSciC=10.203.23.15,26023 (dev) NITC-HA-DEV File shares: \\nrcsci{A|C}\{SDA_FT|WSS_FT}\\wssConfig etc.

Service accounts edc\S_Scix-WSSro and edc\S_Scix-WSSrw

Report server: http://NRCdBox0007/RS_dBox0007/ReportServer

zRoles (in NITC-HA-DEV): https://zroles-int.dev.sc.egov.usda.gov/release/UserAccess.asmx

Mail server: mail.edc.usda.gov

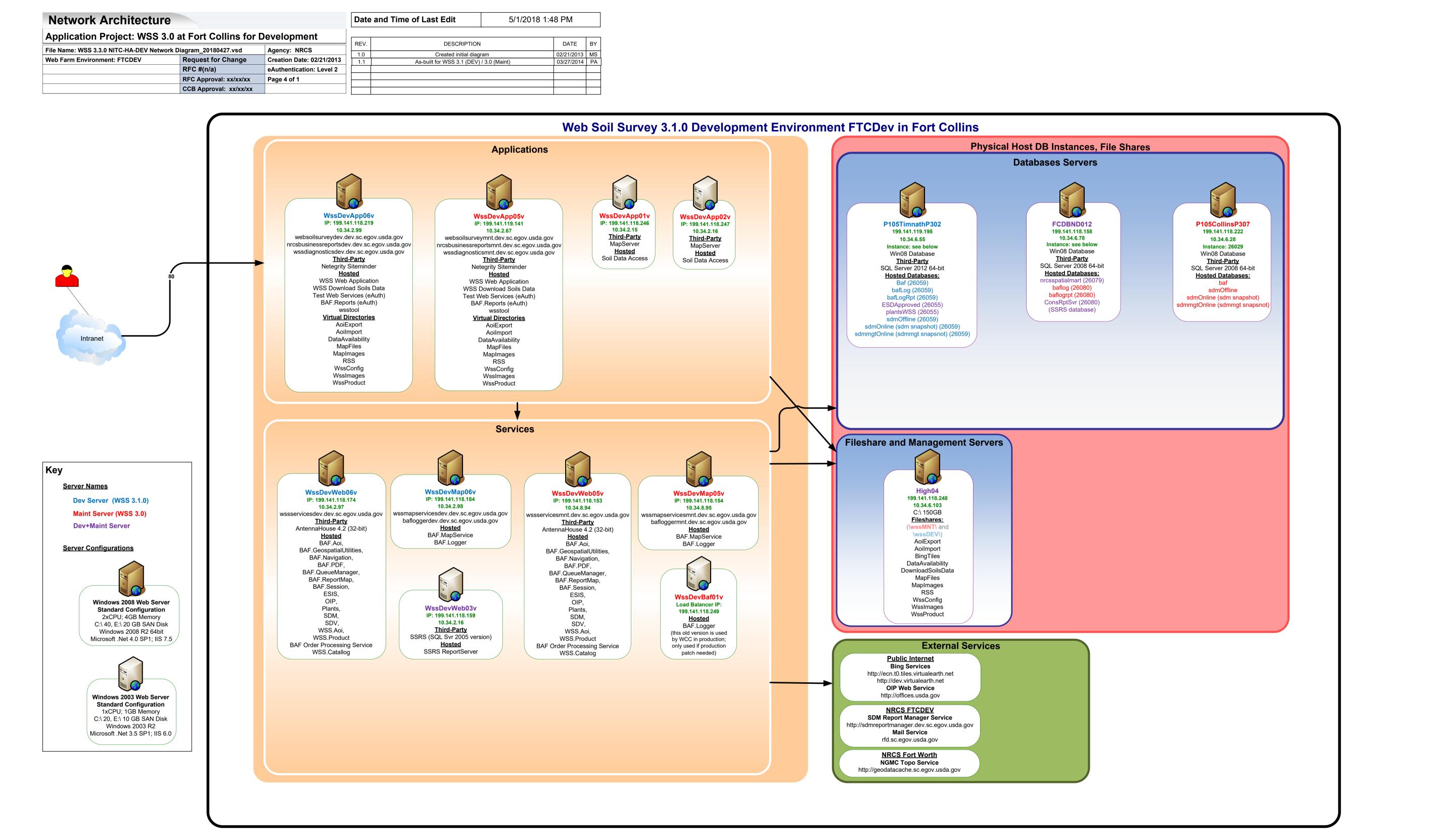
BAF WEB Services

```
:Commar d=ListChildren
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&rs:Command=ListChildren

NRCscix0098 10.203.22.192 NRCscix0097 10.203.22.191 WSS (LB certs for WssDiagnostics) load balancer websoilsurvey-dev.dev.sc.egov.usda.gov websoilsurvey-dev.dev.sc.egov.usda.gov websoilsurvey-diag.dev.sc.egov.usda.gov websoilsurvey-diag.dev.sc.egov.usda.gov 165.221.62.94 Alive1.html 165.221.62.95 Alive2.html websoilsurvey-diag.dev.sc.egov.usda.gov 165.221.62.105 Alive3.html NRCscix0096 10.203.22.190 NRCscix0095 10.203.22.189 wssservices load balancer wssservices-dev.dev.sc.egov.usda.gov 165.221.62.101 Alive1.html wssservices-diag.dev.sc.egov.usda.gov 165.221.62.110 Alive2.html NRCscix0100 10.203.22.196 NRCscix0099 10.203.22.193 WssMapServices load balancer wssmapservices-dev.dev.sc.egov.usda.gov 165.221.62.99 Alive1.html wssmapservices-diag.dev.sc.egov.usda.gov 165.221.62.108 Alive2.html NRCscix0102 10.203.22.200 NRCscix0101 10.203.22.199 Batch Server and Business Reports (nrcsbusinessreports) load balancer No LB, no "alive" file host with Certs nrcsbusinessreports-diag.dev.sc.egov.usda.gov nrcscix0103 10.203.22.201 nrcsbusinessreports-dev.dev.sc.egov.usda.gov nrcscix0103 10.203.22.201 Windows 2016 IP nrcscix0103 10.203.22.201 Database Physical server: NRCdBox0007 Sql Instance: NRCdSciDiag=10.203.23.15,26021 (diag), NRCdSciDev=10.203.23.15,26022 (int) – not used NRCdSciTest=10.203.23.15,26023 (dev)
NITC-HA-DEV File shares: \\NRCdBox0007\NRCDSCI{Diag|Test}\\SDA_FT|WSS_FT}\\WssConfig etc. Service accounts: edc\S_Scix-WSSro and edc\S_Scix-WSSrw Mail server: mail.edc.usda.gov Report server: http://10.203.23.15:80/RS_dBox0007 and

http://10.203.23.15/ RS_dBox0007?%2fNRCS+Business+Reports%2fSoils%2fWeb+Soil+Survey&rs:Command=ListChildren zRoles (in NITC-HA-DEV): https://zroles-int.dev.sc.egov.usda.gov/release/UserAccess.asmx

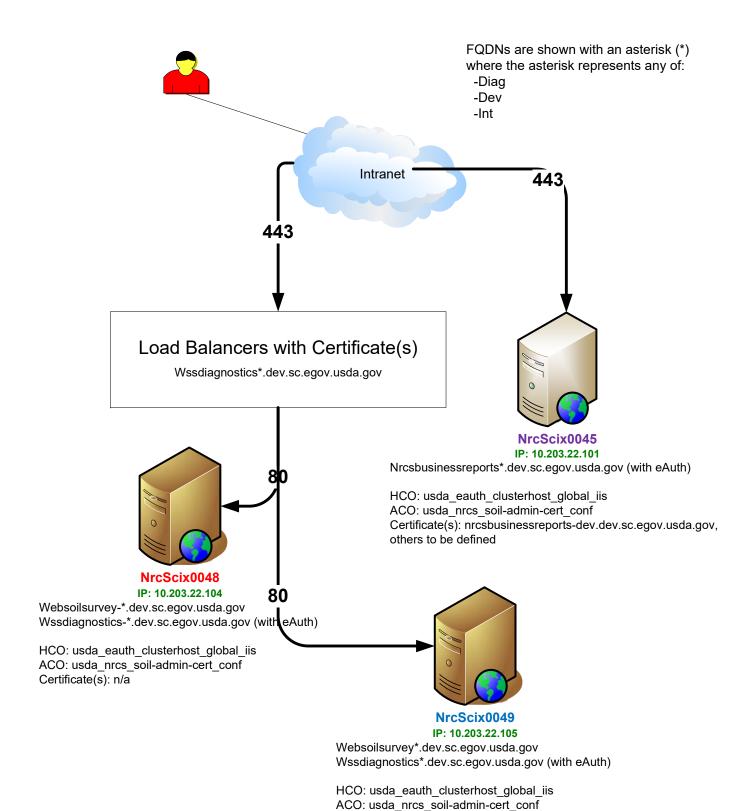


Network Architecture Application Project: WSS 3.0 at Fort Collins for Development REV. DATE BY DESCRIPTION File Name: WSS 3.3.0 NITC-HA-DEV Network Diagram_20180427.vsd Created initial diagram 02/21/2013 MS **Web Farm Environment: FTCDEV Request for Change** Creation Date: 02/21/2013 RFC #:RFC_WSS_3_0 eAuthentication: Level 2 RFC Approval: xx/xx/xx Page 5 of 1 CCB Approval: xx/xx/xx Web Soil Survey 3.0 Development Environment FTCDev in Fort Collins **Physical Host DB Instances, File Shares Applications Databases Servers** P105CollinsP307 FCDBND012 WssDevApp06v WssDevApp01v WssDevApp05v WssDevApp02v 199.141.118.222 199.141.118.158 IP: 199.141.118.219 IP: 199.141.118.246 IP: 199.141.119.141 IP: 199.141.118.247 10.34.6.28 10.34.6.78 10.34.2.99 10.34.2.67 10.34.2.15 10.34.2.16 Instance: see below Instance: 26030 Third-Party websoilsurveydev.dev.sc.egov.usda.gov websoilsurveymnt.dev.sc.egov.usda.gov Win08 Database Third-Party Win08 Database nrcsbusinessreportsdev.dev.sc.egov.usda.gov MapServer nrcsbusinessreportsmnt.dev.sc.egov.usda.gov Third-Party MapServer **Third-Party** <u>Hosted</u> SQL Server 2008 64-bit wssdiagnosticsdev.dev.sc.egov.usda.gov wssdiagnosticsmnt.dev.sc.egov.usda.gov **Hosted** SQL Server 2008 64-bit Soil Data Access Third-Party Soil Data Access **Hosted Databases:** Third-Party **Hosted Databases: Netegrity Siteminder Netegrity Siteminder** plantsWSS (26078) <u>Hosted</u> ESDApproved (26078) <u>Hosted</u> sdmOffline WSS Web Application WSS Web Application nrcsspatialmart (26079) sdmOnline (sdm snapshot) WSS Download Soils Data WSS Download Soils Data baflog (26080) sdmmgtOnline (sdmmgt snapsnot) Test Web Services (eAuth) Test Web Services (eAuth) baflogrpt (26080) BAF.Reports (eAuth) BAF.Reports (eAuth) wsstool wsstool **Virtual Directories Virtual Directories** AoiExport AoiExport Aoilmport Aoilmport Intranet DataAvailability DataAvailability MapFiles MapFiles MapImages MapImages FCDBND009 RSS RSS 199.141.118.175 10.34.6.9 WssConfig WssConfig Instance: 26009? WssImages WssImages Win03 Database WssProduct WssProduct Third-Party SQL Server 2005 **Hosted Databases:** ConsRptSvr (SSRS database) **Services** Fileshare and Management Servers Key **Server Names** High04 WssDevMap06v WssDevWeb06v WssDevMap05v WssDevWeb05v 199.141.118.248 IP: 199.141.118.184 IP: 199.141.118.174 IP: 199.141.118.154 **Dev Server** IP: 199.141.118.153 10.34.2.98 10.34.6.103 10.34.2.97 10.34.8.94 10.34.8.95 C:\ 150GB **Maint Server** wssmapservicesdev.dev.sc.egov.usda.gov wssservicesdev.dev.sc.egov.usda.gov wssmapservicesmnt.dev.sc.egov.usda.gov wssservicesmnt.dev.sc.egov.usda.gov bafloggerdev.dev.sc.egov.usda.gov Fileshares: Third-Party Third-Party bafloggermnt.dev.sc.egov.usda.gov **Dev+Maint Server** AoiExport <u>Hosted</u> AntennaHouse 4.2 (32-bit) AntennaHouse 4.2 (32-bit) **Hosted** Aoilmport BAF.MapService <u>Hosted</u> BAF.MapService <u>Hosted</u> BAF.Logger BingTiles BAF.Aoi, BAF.Aoi, BAF.Logger **Server Configurations** DataAvailability BAF.GeospatialUtilities BAF.GeospatialUtilities, DownloadSoilsData BAF.Navigation, BAF.Navigation, MapFiles BAF.PDF, BAF.PDF, MapImages BAF.QueueManager BAF.QueueManager, RSS BAF.ReportMap, BAF.ReportMap. WssConfig BAF.Session, BAF.Session, WssImages ESIS, ESIS, WssProduct OIP, Windows 2008 Web Server WssDevWeb03v Plants, WssDevBaf01v **Standard Configuration** Plants. IP: 199.141.118.159 SDM, Load Balancer IP: 2xCPU; 4GB Memory SDM, 199.141.118.249 C:\ 40, E:\ 20 GB SAN Disk SDV, Third-Party <u>Hosted</u> WSS.Aoi, Windows 2008 R2 64bit WSS.Aoi, BAF.Logger WSS.Product SSRS Microsoft .Net 4.0 SP1; IIS 7.5 WSS.Product **BAF Order Processing Service** <u>Hosted</u> (this old version is used **External Services BAF Order Processing Service** SSRS ReportServer by WCC in production; WSS.Catallog WSS.Catalog only used if production **Public Internet** patch needed) Bing Services http://ecn.t0.tiles.virtualearth.net http://dev.virtualearth.net **OIP Web Service** Windows 2003 Web Server http://offices.usda.gov Standard Configuration **NRCS FTCDEV** 1xCPU; 1GB Memory **SDM Report Manager Service** C:\ 20, E:\ 10 GB SAN Disk http://sdmreportmanager.dev.sc.egov.usda.gov Windows 2003 R2 **Mail Service** Microsoft .Net 3.5 SP1; IIS 6.0 rfd.sc.egov.usda.gov **NRCS Fort Worth NGMC Topo Service** http://gistest1.ftw.nrcs.usda.gov

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Date and Time of Last Edit

Web Soil Survey NITC-HA-DEV eAuth-related configuration



Certificate(s): n/a