



Department of Social Services 2018 – Q4 Initial Draft Technology Catalog

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<p>Common Services Baseline Environment (Current/Today)</p> <p>Every component of the technical infrastructure. These technical elements are in use today or in the project phase. A placeholder will be used to represent identified service gaps.</p>	<p>Emerging (0-2 Years) Technical components planned for implementation in the next 2 years. These elements may be included within systems under development.</p>	<p>Roadmap (2-5 Years) These are known technologies that will be leveraged within the 5-year timeframe.</p>
<p>Containment (No New Development)</p> <p>Items from the Baseline that have expected retirement plans and/or are no longer to be used for new development.</p>	<p>Standard</p> <p>Items from the Baseline that are the technologies that have been standardized on or to be leveraged for net new development. Being on the baseline does not dictate that is is a standard.</p>	
<p>Retirement (To Be Eliminated)</p> <p>Items that were listed in Containment area previously, but are or to be retired. This represents software/systems past their End of Life or End of Support dates.</p>	<p>Watch List</p> <p>Research and development, up and coming technologies to be regularly evaluated for potential use within the Baseline.</p>	



Application Development - Framework Baseline Environment (Current/Today) JAVA JEE Based: FAST4j Struts 2.0 Hibernate Spring	Emerging (0-2 Years)	Roadmap (2-5 Years)
	Standard JAVA JEE Based: FAST4j Struts 2.0 Hibernate Spring	
Containment (No New Development)		
Retirement (To Be Eliminated)	Watch List Compatible JAVA Frameworks	



Application Server Baseline Environment (Current/Today) IBM Websphere Application Server - WAS v7.0	Emerging (0-2 Years) IBM Websphere Application Server - WAS v9.x	Roadmap (2-5 Years)
	Standard IBM Websphere Application Server - WAS	
Containment (No New Development) IBM Websphere Application Server - WAS v7.0		
Retirement (To Be Eliminated)	Watch List IBM Websphere Liberty Redhat Jboss Oracle WebLogic	



Application Virtualization Baseline Environment (Current/Today) None Presently	Emerging (0-2 Years) Docker	Roadmap (2-5 Years)
	Standard	
Containment (No New Development)		
Retirement (To Be Eliminated)	Watch List Docker	



Business Intelligence Baseline Environment (Current/Today) Business Objects XI 3.1 Analytics Zato Health Interoperability Platform	Emerging (0-2 Years)	Roadmap (2-5 Years)
	Standard Business Objects XI 3.1 Analytics Zato Health Interoperability Platform	
Containment (No New Development)		
Retirement (To Be Eliminated)	Watch List	



Business Rules Baseline Environment (Current/Today) Progress Corticon Business Rules v5.5.2	Emerging (0-2 Years) Progress Corticon Business Rules v5.7	Roadmap (2-5 Years)
	Standard Progress Corticon Business Rules v5.7	
Containment (No New Development) Progress Corticon Business Rules v5.5.2		
Retirement (To Be Eliminated)	Watch List	



Code Repository Baseline Environment (Current/Today) Microsoft Team Foundation Server 2017 - TFS (GIT) Subversion - SVN	Emerging (0-2 Years)	Roadmap (2-5 Years)
	Standard Microsoft Team Foundation Server - TFS (GIT)	
Containment (No New Development)		
Retirement (To Be Eliminated)	Watch List	



CRM - Customer Relationship Management Baseline Environment (Current/Today) None Presently - Current Initiative	Emerging (0-2 Years)	Roadmap (2-5 Years)
Containment (No New Development)	Standard	
Retirement (To Be Eliminated)	Watch List Salesforce	



<p>Database Baseline Environment (Current/Today)</p> <p>Microsoft SQL 2012 IBM DB2 10.5.x IBM DB2 11.x1.x Oracle v12.x</p>	<p>Emerging (0-2 Years) Microsoft SQL 2019</p>	<p>Roadmap (2-5 Years)</p>
<p>Containment (No New Development) IBM DB2 10.5.x Microsoft SQL 2008 R2</p>	<p>Standard Microsoft SQL Server - All supported Versions IBM DB2 11.1.x</p>	
<p>Retirement (To Be Eliminated) Microsoft SQL 2008 R2</p>	<p>Watch List Microsof SQL 2017 on Linux</p>	



Data Warehouse Baseline Environment (Current/Today) Microsoft SQL Server 2012 Oracle v12.x	Emerging (0-2 Years)	Roadmap (2-5 Years)
	Standard Microsoft SQL Server - All Versions	
Containment (No New Development) IBM DB2 10.5.x		
Retirement (To Be Eliminated)	Watch List	



Desktop Browsers Baseline Environment (Current/Today) Google Chrome Mirosoft Internet Explorer 11 Microsoft Edge	Emerging (0-2 Years)	Roadmap (2-5 Years)
	Standard Google Chrome Mirosoft Internet Explorer 11 Microsoft Edge	
Containment (No New Development)		
Retirement (To Be Eliminated)	Watch List Apple Safari Microsoft Edge Firefox	



Desktop Operating System Baseline Environment (Current/Today) Windows 7 Windows 10	Emerging (0-2 Years) Windows 10 Version Updates	Roadmap (2-5 Years)
	Standard Windows 7 Windows 10	
Containment (No New Development)		
Retirement (To Be Eliminated)	Watch List	



Development Tools Baseline Environment (Current/Today) Atlassian Bamboo v4	Emerging (0-2 Years)	Roadmap (2-5 Years)
	Standard	
Containment (No New Development)		
Retirement (To Be Eliminated)	Watch List Open Source Options	



<p>Enterprise Architecture Tools Baseline Environment (Current/Today)</p> <p>Visio 2010, 2013, 2016 BPMN, UML Compatiable Archi Compatiable</p>	<p>Emerging (0-2 Years)</p>	<p>Roadmap (2-5 Years)</p>
<p>Containment (No New Development)</p>	<p>Standard</p> <p>Visio 2010, 2013, 2016 BPMN, UML Compatiable Archi Compatiable</p>	
<p>Retirement (To Be Eliminated)</p>	<p>Watch List</p> <p>Sparx</p>	

<p>Enterprise Document Generation Baseline Environment (Current/Today)</p> <p>Adobe Livecycle ES4 PlanetPress v7</p>	<p>Emerging (0-2 Years) Adobe Experience Manager</p>	<p>Roadmap (2-5 Years)</p>
<p>Containment (No New Development) Adobe Livecycle ES4</p>	<p>Standard</p>	
<p>Retirement (To Be Eliminated) Adobe Livecycle ES4</p>	<p>Watch List HP Exstream PlanetPress Open Source Options</p>	



<p>Enterprise Document Management Baseline Environment (Current/Today)</p> <p>IBM Filenet p8 v5.2.1 Microsoft Sharepoint SAAS Xerox DocuShare v7.0</p>	<p>Emerging (0-2 Years)</p>	<p>Roadmap (2-5 Years)</p>
<p>Containment (No New Development)</p>	<p>Standard</p> <p>Applications: IBM Filenet p8 v5.2.1</p> <p>Internal: Microsoft Sharepoint SAAS Xerox DocuShare v7.0</p>	
<p>Retirement (To Be Eliminated)</p>	<p>Watch List</p>	



Enterprise Master Person Index Baseline Environment (Current/Today) Nexgate EMPI	Emerging (0-2 Years)	Roadmap (2-5 Years)
	Standard Nexgate EMPI	
Containment (No New Development)		
Retirement (To Be Eliminated)	Watch List	



File Transfer Baseline Environment (Current/Today) Axway MFT Managed File Transfer v5.x	Emerging (0-2 Years)	Roadmap (2-5 Years)
	Standard Axway MFT Managed File Transfer v5.x	
Containment (No New Development)		
Retirement (To Be Eliminated)	Watch List	

<p>Identity Management Baseline Environment (Current/Today)</p> <p>IBM ISIM v6.x IBM ISAM v7.x Microsoft Active Directory Microsoft Identity Manager</p> <p>Multi-Factor Symantec VIP</p> <p>Single Sign-On IBM ISAM v7.x (Webseal)</p>	<p>Emerging (0-2 Years)</p>	<p>Roadmap (2-5 Years)</p>
<p>Containment (No New Development)</p>	<p>Standard IBM ISIM v6.x IBM ISAM v7.x Microsoft Active Directory Microsoft Identity Manager</p> <p>Multi-Factor Symantec VIP</p> <p>Single Sign-On IBM ISAM v7.x (Webseal)</p>	
<p>Retirement (To Be Eliminated)</p>		



<p>Log Management - Event Correlation Baseline Environment (Current/Today) Tools: IBM QRadar v7.x Splunk v6.x</p>	<p>Emerging (0-2 Years)</p>	<p>Roadmap (2-5 Years)</p>
<p>Containment (No New Development)</p>	<p>Standard IBM QRadar v7.x Splunk v6.x</p>	
<p>Retirement (To Be Eliminated)</p>	<p>Watch List</p>	



<p>Messaging & Collaboration Baseline Environment (Current/Today)</p> <p>Email Elastic Mail</p> <p>Instant Messaging</p> <p>Text Messaging - SMS</p> <p>Collaboration Microsoft Sharepoint SAAS</p>	<p>Emerging (0-2 Years)</p> <p>Collaboration Microsoft Sharepoint SAAS</p>	<p>Roadmap (2-5 Years)</p>
<p>Containment (No New Development)</p>	<p>Standard</p> <p>Email Elastic Mail</p> <p>Instant Messaging</p> <p>Text Messaging - SMS</p> <p>Collaboration</p>	
<p>Retirement (To Be Eliminated)</p>	<p>Watch List</p>	

<p>Middleware Baseline Environment (Current/Today)</p> <p>Software: IBM Enterprise Service Bus v7.5</p> <p>Message Queue IBM MQ</p> <p>Integration Pilotfish IBM Enterprise Service Bus v7.5</p>	<p>Emerging (0-2 Years) IBM Integration Bus v10.0</p>	<p>Roadmap (2-5 Years)</p>
<p>Containment (No New Development) IBM Enterprise Service Bus v7.5</p>	<p>Standard</p> <p>Software: IBM Enterprise Service Bus v7.5</p> <p>Message Queue IBM MQ</p> <p>Integration</p>	
<p>Retirement (To Be Eliminated)</p>	<p>Watch List Mulesoft Message Queue - JMS</p>	



Mobile Devices Baseline Environment (Current/Today) Iphone IOS Android Based Devices	Emerging (0-2 Years)	Roadmap (2-5 Years)
	Standard Iphone IOS Android Based Devices	
Containment (No New Development)		
Retirement (To Be Eliminated)	Watch List	



<p>Network Telecom Services Baseline Environment (Current/Today)</p> <p>Interactive Voice Response - IVR Avaya Aura Call Center Manager 6.4.216.x</p> <p>Phone System Avaya Aura 6.0.3.0.x</p>	<p>Emerging (0-2 Years)</p> <p>Avaya Call Center Manager 7.x Avaya 7.x</p>	<p>Roadmap (2-5 Years)</p>
<p>Containment (No New Development)</p>	<p>Standard</p> <p>Interactive Voice Response - IVR Avaya Aura Call Center Manager 6.4.216.x</p> <p>Phone System Avaya Aura 6.0.3.0.x</p>	
<p>Retirement (To Be Eliminated)</p>	<p>Watch List</p>	



Network Infrastructure Services Baseline Environment (Current/Today) Load Balancer - F5 v12.2 XML Firewall - IBM Data Power XI52 v6.0	Emerging (0-2 Years)	Roadmap (2-5 Years)
	Standard Load Balancer - F5 v12.2 XML Firewall - IBM Data Power XI52 v6.0	
Containment (No New Development)		
Retirement (To Be Eliminated)	Watch List	



Provider Registry Baseline Environment (Current/Today) Nextgate PHR	Emerging (0-2 Years)	Roadmap (2-5 Years)
	Standard Nextgate PHR	
Containment (No New Development)		
Retirement (To Be Eliminated)	Watch List	



QA \ Testing Baseline Environment (Current/Today) Tools: IBM Rational Performance Tester Atlassian JIRA	Emerging (0-2 Years)	Roadmap (2-5 Years)
	Standard	
Containment (No New Development)		
Retirement (To Be Eliminated)	Watch List	



Reporting Services Baseline Environment (Current/Today) Microsoft SQL Server SSRS/SSAS 2012	Emerging (0-2 Years) Microsoft SQL Server 2019	Roadmap (2-5 Years)
	Standard Microsoft SQL Server SSRS/SSAS - All Versions	
Containment (No New Development)		
Retirement (To Be Eliminated)	Watch List	



<p>Server Operating System Baseline Environment (Current/Today)</p> <p>Windows 2008 R2 Windows 2012 Windows 2016 RHEL v6.x RHEL v7.x</p>	<p>Emerging (0-2 Years)</p> <p>Windows 2019 RHEL v8</p>	<p>Roadmap (2-5 Years)</p>
<p>Containment (No New Development) Windows 2008 R2 RHEL v6.x</p>	<p>Standard</p> <p>Windows 2012 Windows 2016 RHEL v6.x RHEL v7.x</p>	
<p>Retirement (To Be Eliminated) Windows 2008 R2</p>	<p>Watch List Containers, Docker</p>	



Server Virtualization Baseline Environment (Current/Today) Vmware ESXi v5.x Vmware ESXi v6.x	Emerging (0-2 Years) Vmware ESXi v6.5.x	Roadmap (2-5 Years)
	Standard Vmware ESXi v5.x Vmware ESXi v6.x	
Containment (No New Development) Vmware ESXi v5.x		
Retirement (To Be Eliminated)	Watch List	



System Monitoring Baseline Environment (Current/Today) New Relic (Custom App for Impact)	Emerging (0-2 Years)	Roadmap (2-5 Years)
	Standard	
Containment (No New Development)		
Retirement (To Be Eliminated)	Watch List	



<p>Web Server Baseline Environment (Current/Today)</p> <p>IBM HTTP Server (IHS) - WAS v7.0 Microsoft IIS v8</p>	<p>Emerging (0-2 Years) IBM HTTP Server (IHS) - WAS v9.x</p>	<p>Roadmap (2-5 Years)</p>
<p>Containment (No New Development) IBM HTTP Server (IHS) - WAS v7.0</p>	<p>Standard IBM HTTP Server (IHS) - WAS v7.0</p>	
<p>Retirement (To Be Eliminated)</p>	<p>Watch List IBM Websphere Liberty Redhat Jboss Oracle WebLogic</p>	



Workflow Baseline Environment (Current/Today) Microsoft Sharepoint - SAAS	Emerging (0-2 Years) Microsoft Sharepoint - SAAS	Roadmap (2-5 Years)
	Standard	
Containment (No New Development)		
Retirement (To Be Eliminated)	Watch List Microsoft Sharepoint - SAAS	