

SCHOOL BOARD OF BREVARD COUNTY
FLORIDA

&

SCHOOL BOARD OF OSCEOLA COUNTY
FLORIDA

**RECIPROCAL
DISASTER RECOVERY
PLAN**

July 1, 2023

This document between the School Board of Brevard County Educational Technology Department and the School Board of Osceola County Information Systems Department clarifies the intent for reciprocal local disaster recovery on the following items.

1. The IBM iSeries configuration and specifications of technologies being used are attached.
 - A. School Board of Brevard County
 - B. School Board of Osceola County
2. Host organization has priority for processing. Every effort will be made by the host organization to establish available processing time for the affected organization within 12 hours and no later than 24 hours of being contacted. Development of new systems will be stopped or reduced during the mutually agreed upon recovery period in order to provide time on the iSeries computer for the affected organization.
3. The type and capacity of technical resources to be made available to affected organization.
 - A. Compilations
 - B. Production Processing
 - C. Computer Operators
 - D. Critical System – School Board of Brevard County
Payroll
 - E. Critical Systems – School Board of Osceola County
 - 1) Payroll
 - 2) Accounts Payable
 - 3) Personnel
 - 4) Purchase Orders
4. Office space to be provided on as per need basis.
5. On-line interactive access from PC workstations on as per need basis.
6. Mutual agreement on recovery procedures test time.
7. Copy of Disaster Recovery Policies and Procedures when available.
8. The affected party will follow all procedures concerning security.
 - A. Data
 - B. Physical plant facility
9. Time limit on use of facilities to be agreed on at start of recovery.

This process is to be in effect for (5) years or until technology differences dictate.

[SIGNATURES APPEAR ON THE NEXT PAGE]



**THE SCHOOL BOARD OF BREVARD
COUNTY, FLORIDA**

**THE SCHOOL BOARD OF OSCEOLA
COUNTY, FLORIDA**

Matthew J. Susin – Chair

Teresa “Terry” Castillo – Chair

Date Approved:

Date Approved:

ATTEST (WITNESS)

ATTEST (WITNESS)

Dr. Mark J. Rendell, Superintendent

Dr. Mark Shanoff, Superintendent

DEPARTMENT HEAD

DEPARTMENT HEAD

A handwritten signature in blue ink, appearing to read "Russell Cheatham".

Russell Cheatham
Assistant Superintendent Educational Technology
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Peter Thorne
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SCHOOL BOARD OF BREVARD COUNTY, FLORIDA

EDUCATIONAL TECHNOLOGY

Hardware and Software Specifications

As of June 1, 2023

Production IBMi SN: 7812591

Hardware Description

QTY	Model/Feature	Description
2	9009-41G EP51	IBM Power 9 (IBMi)
1	7042-CR-9	HMC
1	3580 006	Tape Drive - External Ultrium 6
2	Sphinx	Virtual Tape System
2	DP95	Xerox Laser Printer
1	6331-014	DVD ROM

Software Specifications LPAR3

Vendor	Version/ Release	Product /Description
IBM	V7R3M0	V7R3M0 L00 Library QGPL V7R3M0 L00 Library QUSRSYS V7R3M0 L00 IBM i V7R3M0 Extended Base Support V7R3M0 Online Information V7R3M0 Extended Base Directory Support V7R3M0 System/36 Environment V7R3M0 Example Tools Library V7R3M0 AFP Compatibility Fonts V7R3M0 *PRV CL Compiler Support V7R3M0 Host Servers V7R3M0 System Openness Includes V7R3M0 GDDM V7R3M0 Media and Storage Extensions V7R3M0 ObjectConnect V7R3M0 Qshell V7R3M0 Domain Name System V7R3M0 Portable App Solutions Environment V7R3M0 Digital Certificate Manager V7R3M0 CCA Cryptographic Service Provider V7R3M0 International Components for Unicode V7R3M0 IBM Advanced Function Printing Utilities V7R3M0 IBM Backup, Recovery and Media Services for i V7R3M0 IBM HTTP Server for i V7R3M0 IBM Developer Kit for Java V7R3M0 Java SE 6 32 bit V7R3M0 Java SE 6 64 bit V7R3M0 Java SE 7 32 bit V7R3M0 Java SE 7 64 bit V7R3M0 IBM Network Authentication Enablement for i V5R4M0 IBM Tools for Developers for i5/OS V7R3M0 IBM Performance Tools for i V7R3M0 Performance Tools - Manager Feature V7R3M0 IBM Query for i V7R3M0 IBM Portable Utilities for i V7R3M0 OpenSSH, OpenSSL, zlib V7R3M0 DB2 Query Mgr and SQL DevKit V7R3M0 IBM TCP/IP Connectivity Utilities for i V7R3M0 IBM Transform Services for i V7R3M0 Transforms - AFP to PDF Transform V1R4M0 IBM Universal Manageability Enablement for i

		V7R3M0 IBM Rational Development Studio for i V7R3M0 Application Development ToolSet V7R3M0 ILE RPG V7R3M0 System/38 Compatible RPG III V7R3M0 RPG/400 V7R3M0 ILE RPG *PRV Compiler V7R3M0 ILE COBOL V7R3M0 System/36 Compatible COBOL V7R3M0 System/38 Compatible COBOL V7R3M0 OPM COBOL V7R3M0 ILE COBOL *PRV Compiler V7R3M0 ILE C V7R3M0 ILE C++ V7R3M0 IXLC for C/C++ V7R3M0 Workstation Tools - Base V7R1M0 IBM i Access for Windows V7R3M0 IBM i Access Family V7R3M0 IBM i Access Enablement Support
Harris Schools Solutions		Crosspointe/TERMS/TERMS 20/20 – HR Crosspointe/TERMS/TERMS 20/20 – Finance Crosspointe/TERMS – Student
ACOM	V10R0	EZPrint/ Check Preparation Software
Xerox	V2R1	XDPE Xerox Document Print Executive
Ricomm	V7R1	RTAPE - Tape Catalog Software

SCHOOL BOARD OF OSCEOLA COUNTY, FLORIDA

INFORMATION SERVICES

Hardware and Software Specifications

As of January 24, 2023

Machine model & serial numbers: 9009-41A / 7831800

iSeries Hardware Specifications

QTY	Feature	Description
2	S914 9009-41A	Main Card Enclosure
18	571GB 15K	Disk Unit
1	3580-H6S	Tape Library Unit LTO6
1	3573-L2U	External Tape Unit LTO6
1	572A-001	Storage Controller
1	7042-CR7	Rack Mounted Monitor HMC
Peripheral hardware:		
1	TAP01	3580 LTO 6 Ultrium tape drive - Tape Catalog
1	TAP02	3573 LTO 6 External Single Tape Unit
2	MIS01, MIS02	Cannon Printers
2	TROY2, TROY4200	Troy 4200 MICR printers

Software Specifications for PRODUCTION LPAR 20

Vendor	Version/ Release	Product /Description
IBM	V7R3	Licensed Internal Code i5/OS Extended Base Support Online Information Extended Base Directory Support System/36 Environment System/38 Environment Example Tools Library AFP Compatibility Fonts *PRV CL Compiler Support Host Servers System Openness Includes GDDM Media and Storage Extensions ObjectConnect Integrated Server Support Qshell Domain Name System Portable App Solutions Environment Digital Certificate Manager CCA Cryptographic Service Provider International Components for Unicode StandGuard Anti-Virus product iSeries Navigator plug-in WebSphere Application Server - Express IBM WebSphere Application Server Express V5 iSeries Access for Wireless IBM DB2 Web Query for i Option Base IBM Portable Utilities for i5/OS OpenSSH, OpenSSL, zlib WebSphere Application Server V6.1 for i5/OS WebSphere Application Server V6.1 Express

		WebSphere Application Server V6.1 Client WebSphere Application Server V6.1 Plugins XML Toolkit for iSeries XML Toolkit Option 7 (see documentation) XML Toolkit Option 8 (see documentation) IBM HTTP Server for i5/OS Triggered Cache Manager IBM Toolbox for Java IBM Developer Kit for Java Java Developer Kit 1.4 Java Developer Kit 5.0 J2SE 5.0 32 bit Extended Integrated Server Support Network Authentication Enablement Performance Tools for i5/OS - Base Performance Tools - Manager Feature Performance Tools - Agent Feature Query for i5/OS DB2 Query Manager and SQL Development Kit for i5/OS TCP/IP Connectivity Utilities for i5/OS WebSphere Development Studio Application Development ToolSet Compiler - ILE RPG IV Compiler - RPG/400 Compiler - ILE RPG IV *PRV Compiler - ILE COBOL Compiler - OPM COBOL Compiler - ILE COBOL *PRV Compiler - ILE C Compiler - ILE C++ Workstation Tools - Base i Access Client for Windows i Access Client for Windows i Access Client for Web i Access Client for Web IBM System i Access Family System i Access Enablement Support
Harris School Solutions		TERMS – HR TERMS – Finance TERMS – Student
Quadrant	5.4.5	Formtastic – Electronic forms and checks
LANSAXes	4.2.1	LANSAXes GUI
DRV	3.0.1	Spool Flex – PDF converter, E-Delivery Suite & Advanced Utilities
Symtrex		Compleo Suite Spool File Converter for payroll
Kronos		Kronos I Series Central Timekeeping

Software Specifications DEVELOPMENT LPAR 30

Vendor	Version/Release	Product /Description
IBM	V7R3	Licensed Internal Code i5/OS Extended Base Support Online Information Extended Base Directory Support System/36 Environment System/38 Environment Example Tools Library AFP Compatibility Fonts *PRV CL Compiler Support Host Servers System Openness Includes GDDM Media and Storage Extensions ObjectConnect Integrated Server Support Qshell Domain Name System Portable App Solutions Environment Digital Certificate Manager CCA Cryptographic Service Provider International Components for Unicode StandGuard Anti-Virus product iSeries Navigator plug-in WebSphere Application Server - Express IBM WebSphere Application Server Express V5 iSeries Access for Wireless IBM DB2 Web Query for i Option Base IBM Portable Utilities for i5/OS OpenSSH, OpenSSL, zlib WebSphere Application Server V6.1 for i5/OS WebSphere Application Server V6.1 Express WebSphere Application Server V6.1 Client WebSphere Application Server V6.1 Plugins XML Toolkit for iSeries XML Toolkit Option 7 (see documentation) XML Toolkit Option 8 (see documentation) IBM HTTP Server for i5/OS Triggered Cache Manager IBM Toolbox for Java IBM Developer Kit for Java Java Developer Kit 1.4 Java Developer Kit 5.0 J2SE 5.0 32 bit Extended Integrated Server Support Network Authentication Enablement Performance Tools for i5/OS - Base Performance Tools - Manager Feature Performance Tools - Agent Feature Query for i5/OS DB2 Query Manager and SQL Development Kit for i5/OS TCP/IP Connectivity Utilities for i5/OS WebSphere Development Studio Application Development ToolSet

		Compiler - ILE RPG IV Compiler - RPG/400 Compiler - ILE RPG IV *PRV Compiler - ILE COBOL Compiler - OPM COBOL Compiler - ILE COBOL *PRV Compiler - ILE C Compiler - ILE C++ Workstation Tools - Base System i Access for Windows System i Access for Windows System i Access for Web System i Access for Web IBM System i Access Family System i Access Enablement Support
Cross-Pointe		TERMS – HR TERMS – Finance TERMS – Student
LANSA		LANSA Application Development LANSA for the Web