



**RIVERSIDE PARK**  
— ACADEMY —

# Network Documentation

## Riverside Park Academy

Created by: Glen Little

Date: 30 January 2026

Version: 1.0

# Site Overview

## Site & Network Information

**Contact**

Glen Little

**Site Address**

Towneley Gardens, Burnley, Lancashire BB11 1GB

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**Email**

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**Public IP Range**

N/A

**Private IP Range**

10.20.0.0 /20

**Default Gateway**

10.20.0.1

**Subnet Mask**

255.255.240.0

**Primary DNS**

10.20.0.10

**Secondary DNS**

10.20.0.11

**Internal Domain**

riverside.internal

**ISP**

Virgin Media UK

## Equipment Summary

Equipment Type	Count
Racks/Cabinets	5
Servers	3
Storage	2
Switches	12
Routers	1
Firewalls	1
Access Points	0
Virtual Machines	0
Other Devices	36
<b>Total Devices</b>	<b>55</b>

# Cab A - Srvr Rm

## Rack Equipment

Position	Device Name	Type	Model	IP Address
1U	Fibre Patch Panel	Patch Panel	N/A	N/A
2U	Patch Panel	Patch Panel	N/A	N/A
3U	Cab-A-SW1	Switch 48 (PoE)	USW-Enterprise-48-PoE	10.20.0.30
4U	Patch Panel	Patch Panel	N/A	N/A
5U	Patch Panel	Patch Panel	N/A	N/A
6U	Cab-A-SW2	Switch 48 (PoE)	USW-Enterprise-48-PoE	10.20.0.31
7U	Patch Panel	Patch Panel	N/A	N/A
8U	Patch Panel	Patch Panel	N/A	N/A
9U	Cab-A-SW3	Switch 48	USW-Enterprise-48	10.20.0.31
10U	Patch Panel	Patch Panel	N/A	N/A
11U	Blanking Plate	Blank 1u	N/A	N/A
12U	Blanking Plate	Blank 1u	N/A	N/A
13U	Cab-A-Core	Switch Core	5406r	10.20.0.25
17U	Cable Management	Cable Management	N/A	N/A
18U	RPA-Router	Router	Cloud Core	10.20.0.1
19U	RPA-Firewall	Firewall	N/A	10.20.0.27
20U	Cable Management	Cable Management	N/A	N/A
21U	RPA-VHOST-1	Server	Primergy RX2530	10.20.0.101
22U	RPA-VHOST-2	Server	Primergy RX2530	10.20.0.101
23U	RPA-SAN	Storage	N/A	N/A

## VLAN Assignments

VLAN ID	VLAN Name	Device	Port
VLAN 20	VOIP	Cab-A-SW1	Port 2
		Cab-A-SW1	Port 3
		Cab-A-SW1	Port 4
VLAN 30	Guest	Cab-A-Core	Port SFP+4

## Rack Connections

Source Device	Source Port	Destination Device	Dest Port	Cable Type
Cab-A-SW1	SFP+1	Cab-A-Core	SFP+1	DAC
Cab-A-SW2	SFP+1	Cab-A-Core	SFP+2	DAC
Cab-A-SW3	SFP+1	Cab-A-Core	SFP+3	DAC
RPA-VHOST-1	1	RPA-SAN	1	Cat6a
RPA-VHOST-2	1	RPA-SAN	4	Cat6
RPA-VHOST-1	2	Cab-A-Core	1	Cat6
RPA-VHOST-2	4	Cab-A-Core	24	Cat6

# Cab C - Music

## Rack Equipment

Position	Device Name	Type	Model	IP Address
1U	Fibre Patch Panel	Patch Panel	N/A	N/A
2U	Patch Panel	Patch Panel	N/A	N/A
3U	Cab-C-SW1	Switch 48	USW-Enterprise-48	N/A
4U	Patch Panel	Patch Panel	N/A	N/A
5U	Patch Panel	Patch Panel	N/A	N/A
6U	Cab-C-SW2	Switch 24 (PoE)	USW-Enterprise-24	10.20.0.31
7U	Blanking Plate	Blank 2u	N/A	N/A
9U	Blanking Plate	Blank 2u	N/A	N/A
11U	Power Bar	Pdu	N/A	N/A
12U	Blanking Plate	Blank 1u	N/A	N/A

## VLAN Assignments

No VLANs configured for devices in this rack

## Rack Connections

Source Device	Source Port	Destination Device	Dest Port	Cable Type
Fibre Patch Panel	11	Cab-C-SW1	SFP+4	Fibre OM4
Cab-C-SW1	SFP+1	Cab-C-SW2	SFP+1	DAC

# Cab B - Maths

## Rack Equipment

Position	Device Name	Type	Model	IP Address
1U	Patch Panel	Patch Panel	N/A	N/A
2U	Patch Panel	Patch Panel	N/A	N/A
3U	Cable Management	Cable Management	N/A	N/A
4U	Patch Panel	Patch Panel	N/A	N/A
5U	Cab-B-SW1	Switch 48 (PoE)	USW-Enterprise-48	10.20.0.35
6U	Patch Panel	Patch Panel	N/A	N/A
7U	Cab-B-SW2	Switch 48	USW-Enterprise-48	10.20.0.36
8U	Patch Panel	Patch Panel	N/A	N/A
12U	Power Bar	Pdu	N/A	N/A

## VLAN Assignments

No VLANs configured for devices in this rack

## Rack Connections

Source Device	Source Port	Destination Device	Dest Port	Cable Type
Patch Panel	11	Cab-B-SW1	SFP+1	Fibre OM4
Cab-B-SW2	SFP+2	Cab-B-SW1	SFP+3	DAC

# Cab D - MFL

## Rack Equipment

Position	Device Name	Type	Model	IP Address
1U	Fibre Patch Panel	Patch Panel	N/A	N/A
2U	Cab-D-SW1	Switch 24	USW-Enterprise 24	N/A
3U	RPA-VEEAM	Server	Primergy RX2530	10.20.0.45
4U	RPA-BU-SAN	Storage	Eternus	N/A
6U	Power Bar	Pdu	N/A	N/A

## VLAN Assignments

No VLANs configured for devices in this rack

## Rack Connections

Source Device	Source Port	Destination Device	Dest Port	Cable Type
Fibre Patch Panel	3	Cab-D-SW1	SFP+1	Fibre OM4
RPA-VEEAM	1	RPA-BU-SAN	1	Cat6
RPA-VEEAM	4	RPA-BU-SAN	4	Cat6
RPA-VEEAM	2	Cab-D-SW1	23	Cat6

# Cab E - IT

## Rack Equipment

Position	Device Name	Type	Model	IP Address
1U	Patch Panel	Patch Panel	N/A	N/A
2U	Patch Panel	Patch Panel	N/A	N/A
3U	Cab-E-SW1	Switch 48 (PoE)	USW-Enterprise-48	10.20.0.37
4U	Patch Panel	Patch Panel	N/A	N/A
5U	Patch Panel	Patch Panel	N/A	N/A
6U	Cab-E-SW2	Switch 48	USW-Enterprise-48	10.20.0.38
7U	Patch Panel	Patch Panel	N/A	N/A
8U	Patch Panel	Patch Panel	N/A	N/A
9U	Cab-E-SW3	Switch 48	USW-Enterprise-48	10.20.0.39
10U	Patch Panel	Patch Panel	N/A	N/A
11U	Power Bar	Pdu	N/A	N/A

## VLAN Assignments

No VLANs configured for devices in this rack

## Rack Connections

Source Device	Source Port	Destination Device	Dest Port	Cable Type
Cab-E-SW1	SFP+2	Cab-E-SW2	SFP+1	DAC
Cab-E-SW3	SFP+1	Cab-E-SW1	SFP+3	DAC
Patch Panel	23	Cab-E-SW1	SFP+4	Fibre OM4

# Detailed Device Information

Cab-A-SW1

Switch 48 (PoE)

Location: Cab A - Srvr Rm - Unit 3

## Network Configuration

Management IP	10.20.0.30
Management URL	https:\\RPA-UNIFI.riverside.internal:8443
VLANs	VLAN 20 (VOIP)

## Hardware & Asset Information

Manufacturer	Unifi
Model Number	USW-Enterprise-48-PoE
Serial Number	USW123456
Asset Tag	RPA-1234
Rack Size	1U

## Warranty & Lifecycle

Purchase Date	01/12/2025
Warranty Expiration	01/12/2028

## Access & Management

Admin Password	testing123
Support Contract	3 Year Manufacturer Warranty

## Configuration & Services

Port Configuration	52 ports total, 1 connected, 3 with VLANs
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Location: Cab A - Srvr Rm - Unit 6

**Network Configuration**

Management IP	10.20.0.31
Management URL	Https:\\RPA-UNIFI.riverside.internal:8443

**Hardware & Asset Information**

Manufacturer	Unifi
Model Number	USW-Enterprise-48-PoE
Serial Number	USW123456
Asset Tag	RPA-1235
Rack Size	1U

**Warranty & Lifecycle**

Purchase Date	01/12/2025
Warranty Expiration	01/12/2028

**Access & Management**

Admin Password	••••••••
Support Contract	3 Year Manufacturer Warranty

**Configuration & Services**

Port Configuration	52 ports total, 1 connected, 0 with VLANs
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Location: Cab A - Srvr Rm - Unit 9

**Network Configuration**

**Management IP** 10.20.0.31  
**Management URL** Https:\\RPA-UNIFI.riverside.internal:8443

**Hardware & Asset Information**

**Manufacturer** Unifi  
**Model Number** USW-Enterprise-48  
**Serial Number** USW123456  
**Asset Tag** RPA-1236  
**Rack Size** 1U

**Warranty & Lifecycle**

**Purchase Date** 01/12/2025  
**Warranty Expiration** 01/12/2028

**Access & Management**

**Admin Password** ●●●●●●●●  
**Support Contract** 3 Year Manufacturer Warranty

**Configuration & Services**

**Port Configuration** 52 ports total, 1 connected, 0 with VLANs

Location: Cab A - Srvr Rm - Unit 13

### Network Configuration

Management IP	10.20.0.25
Management URL	Https://10.20.0.25
VLANs	VLAN 30 (Guest)

### Hardware & Asset Information

Manufacturer	HP Aruba
Model Number	5406r
Serial Number	ABC1234567
Asset Tag	RPA-1237
Rack Size	4U

### Warranty & Lifecycle

Purchase Date	01/01/2024
Warranty Expiration	01/01/2029

### Access & Management

Admin Username	root
Admin Password	••••••••

### Configuration & Services

Port Configuration	64 ports total, 5 connected, 1 with VLANs
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Location: Cab A - Srvr Rm - Unit 18

### Network Configuration

**Management IP** 10.20.0.1

### Hardware & Asset Information

**Manufacturer** Mikrotik

**Model Number** Cloud Core

**Serial Number** ABC1234567R

**Asset Tag** RPA-1238

**Rack Size** 1U

### Warranty & Lifecycle

**Purchase Date** 10/01/2024

### Configuration & Services

**Port Configuration** 6 ports total, 0 connected, 0 with VLANs

### Notes

Use Mikrotik software to configure

Location: Cab A - Srvr Rm - Unit 19

### Network Configuration

**Management IP** 10.20.0.27

### Hardware & Asset Information

**Manufacturer** WatchGaurd FW

**Serial Number** ABCFW124563

**Asset Tag** RPA-1239

**Rack Size** 1U

### Warranty & Lifecycle

**Purchase Date** 01/01/2023

### Access & Management

**Admin Username** administrator

### Configuration & Services

**Port Configuration** 6 ports total, 0 connected, 0 with VLANs

Location: Cab A - Srvr Rm - Unit 21

### Network Configuration

**Management IP** 10.20.0.101

### Hardware & Asset Information

**Manufacturer** Fujitsu

**Model Number** Primergy RX2530

**Serial Number** ABCD1234567

**Rack Size** 1U

### Warranty & Lifecycle

**Warranty Expiration** 30/01/2030

### Access & Management

**Support Contract** 5 Year Warranty with Manufacturer

### Configuration & Services

**Port Configuration** 5 ports total, 2 connected, 0 with VLANs

Location: Cab A - Srvr Rm - Unit 23

**Hardware & Asset Information**

**Rack Size** 2U

**Configuration & Services**

**Port Configuration** 5 ports total, 2 connected, 0 with VLANs

Location: Cab A - Svr Rm - Unit 22

### Network Configuration

**Management IP** 10.20.0.101

### Hardware & Asset Information

**Manufacturer** Fujitsu

**Model Number** Primergy RX2530

**Serial Number** ABCD1234567

**Rack Size** 1U

### Warranty & Lifecycle

**Warranty Expiration** 30/01/2030

### Access & Management

**Support Contract** 5 Year Warranty with Manufacturer

### Configuration & Services

**Port Configuration** 5 ports total, 2 connected, 0 with VLANs

Location: Cab B - Maths - Unit 5

**Network Configuration****Management IP** 10.20.0.35**Hardware & Asset Information****Manufacturer** Unifi**Model Number** USW-Enterprise-48**Serial Number** ABCD12356789**Asset Tag** RPA726652**Rack Size** 1U**Configuration & Services****Port Configuration** 52 ports total, 2 connected, 0 with VLANs

Location: Cab C - Music - Unit 3

### Network Configuration

**Management URL**      [Https:\\RPA-UNIFI.riverside.internal:8443](https://RPA-UNIFI.riverside.internal:8443)

### Hardware & Asset Information

**Manufacturer**      Unifi

**Model Number**      USW-Enterprise-48

**Rack Size**      1U

### Configuration & Services

**Port Configuration**      52 ports total, 2 connected, 0 with VLANs

Location: Cab C - Music - Unit 6

**Network Configuration**

<b>Management IP</b>	10.20.0.31
<b>Management URL</b>	Https:\\RPA-UNIFI.riverside.internal:8443

**Hardware & Asset Information**

<b>Manufacturer</b>	Unifi
<b>Model Number</b>	USW-Enterprise-24
<b>Serial Number</b>	ABCD123456756
<b>Asset Tag</b>	RPA-3456
<b>Rack Size</b>	1U

**Configuration & Services**

<b>Port Configuration</b>	28 ports total, 1 connected, 0 with VLANs
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Location: Cab B - Maths - Unit 7

**Network Configuration****Management IP** 10.20.0.36**Hardware & Asset Information****Manufacturer** Unifi**Model Number** USW-Enterprise-48**Serial Number** ABCD12356710**Asset Tag** RPA726652**Rack Size** 1U**Configuration & Services****Port Configuration** 52 ports total, 1 connected, 0 with VLANs

Location: Cab D - MFL - Unit 3

### Network Configuration

Management IP	10.20.0.45
Management URL	https://rpa-veeam.riverside.internal

### Hardware & Asset Information

Manufacturer	Fujitsu
Model Number	Primergy RX2530
Serial Number	ABCD12345R5
Asset Tag	RPA-98872
Rack Size	1U

### Access & Management

Admin Username	Admin
Admin Password	••••••••

### Configuration & Services

Port Configuration	5 ports total, 3 connected, 0 with VLANs
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Location: Cab D - MFL - Unit 4

### Hardware & Asset Information

<b>Manufacturer</b>	Fujitsu
<b>Model Number</b>	Eternus
<b>Serial Number</b>	ABCD123456
<b>Asset Tag</b>	RPA-82721
<b>Rack Size</b>	2U

### Access & Management

<b>Admin Username</b>	Admin
<b>Admin Password</b>	••••••••

### Configuration & Services

<b>Port Configuration</b>	5 ports total, 2 connected, 0 with VLANs
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Location: Cab D - MFL - Unit 2

**Hardware & Asset Information**

<b>Manufacturer</b>	Unifi
<b>Model Number</b>	USW-Enterprise 24
<b>Serial Number</b>	ABCD57FGD
<b>Asset Tag</b>	RPA-973862
<b>Rack Size</b>	1U

**Configuration & Services**

<b>Port Configuration</b>	28 ports total, 2 connected, 0 with VLANs
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Location: Cab E - IT - Unit 3

**Network Configuration**

<b>Management IP</b>	10.20.0.37
<b>Management URL</b>	https:\\RPA-UNIFI.riverside.internal:8443

**Hardware & Asset Information**

<b>Manufacturer</b>	Unifi
<b>Model Number</b>	USW-Enterprise-48
<b>Serial Number</b>	ABCD1245RF
<b>Asset Tag</b>	RAP-98752
<b>Rack Size</b>	1U

**Configuration & Services**

<b>Port Configuration</b>	52 ports total, 3 connected, 0 with VLANs
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Location: Cab E - IT - Unit 6

### Network Configuration

<b>Management IP</b>	10.20.0.38
<b>Management URL</b>	https:\\RPA-UNIFI.riverside.internal:8443

### Hardware & Asset Information

<b>Manufacturer</b>	Unifi
<b>Model Number</b>	USW-Enterprise-48
<b>Serial Number</b>	ABCD1245RF
<b>Asset Tag</b>	RAP-98754
<b>Rack Size</b>	1U

### Configuration & Services

<b>Port Configuration</b>	52 ports total, 1 connected, 0 with VLANs
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Location: Cab E - IT - Unit 9

### Network Configuration

<b>Management IP</b>	10.20.0.39
<b>Management URL</b>	https:\\RPA-UNIFI.riverside.internal:8443

### Hardware & Asset Information

<b>Manufacturer</b>	Unifi
<b>Model Number</b>	USW-Enterprise-48
<b>Serial Number</b>	ABCD1245RF
<b>Asset Tag</b>	RAP-98754
<b>Rack Size</b>	1U

### Configuration & Services

<b>Port Configuration</b>	52 ports total, 1 connected, 0 with VLANs
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## Backbone Connections (Inter-Rack)

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Source Location	Source Port	Destination Location	Dest. Port	Cable Type
Cab B - Maths - Patch Panel	Port 1	Cab A - Svr Rm - Fibre Patch Panel	Port 1	fibre-om4
Cab B - Maths - Patch Panel	Port 2	Cab A - Svr Rm - Fibre Patch Panel	Port 2	fibre-om4
Cab C - Music - Fibre Patch Panel	Port 1	Cab A - Svr Rm - Fibre Patch Panel	Port 11	fibre-om4
Cab C - Music - Fibre Patch Panel	Port 2	Cab A - Svr Rm - Fibre Patch Panel	Port 12	fibre-om4
Cab D - MFL - Fibre Patch Panel	Port 1	Cab A - Svr Rm - Fibre Patch Panel	Port 23	fibre-om4
Cab D - MFL - Fibre Patch Panel	Port 2	Cab A - Svr Rm - Fibre Patch Panel	Port 24	fibre-om4
Cab E - IT - Patch Panel	Port 11	Cab A - Svr Rm - Fibre Patch Panel	Port 21	fibre-om4
Cab E - IT - Patch Panel	Port 12	Cab A - Svr Rm - Fibre Patch Panel	Port 22	fibre-om4