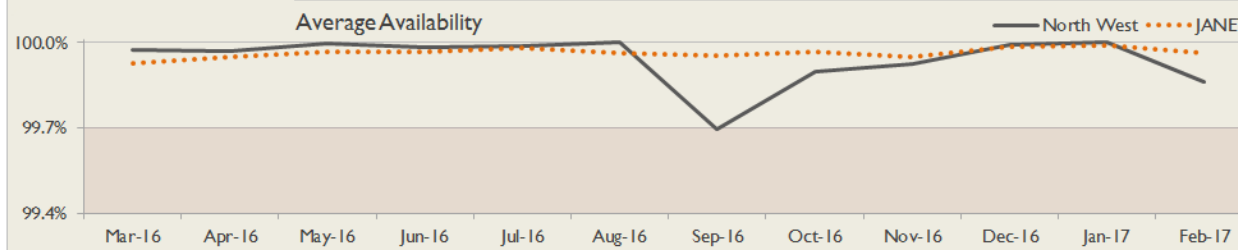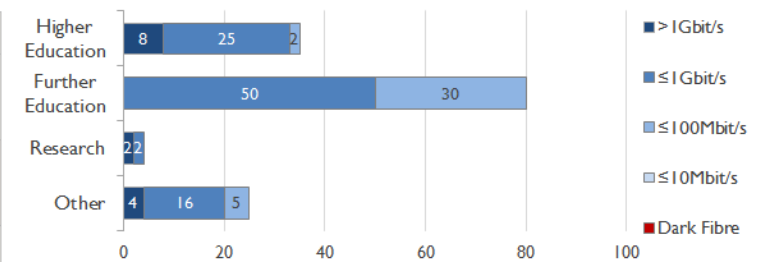# janet

North West Service Report

February 2017

Jisc

Service Reliability

The SLA sets a target minimum of 99.7% availability for each service averaged over a 12 month rolling period
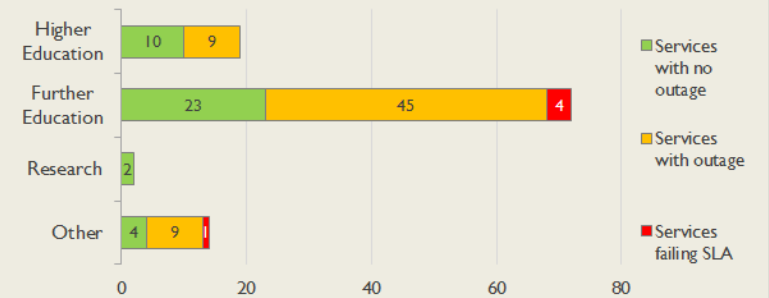
Average Availability

Legend: North West — JANET

Y-axis: 100.0%, 99.7%, 99.4%
X-axis: Mar-16, Apr-16, May-16, Jun-16, Jul-16, Aug-16, Sep-16, Oct-16, Nov-16, Dec-16, Jan-17, Feb-17

Connections in North West by Contractual Bandwidth

Legend: ■ >1Gbit/s, ■ ≤1Gbit/s, ■ ≤100Mbit/s, ☐ ≤10Mbit/s, ■ Dark Fibre

Category	Values
Higher Education	8, 25, 2
Further Education	50, 30
Research	22
Other	4, 16, 5

X-axis: 0, 20, 40, 60, 80, 100

Average Availability of All Services in North West

Feb 2017	Equivalent Unavailability in Minutes per Service	12 Months Rolling	Equivalent Unavailability in Minutes per Service
99.86%	56	99.94%	315

Mean Time to Repair	Average Faults per Service per Year
4h 47m	1.71
Based on 394 faults over the last 24 months	

Average Availability of All Services in Janet

Feb 2017	Equivalent Unavailability in Minutes per Service	12 Months Rolling	Equivalent Unavailability in Minutes per Service
99.96%	15	99.96%	193

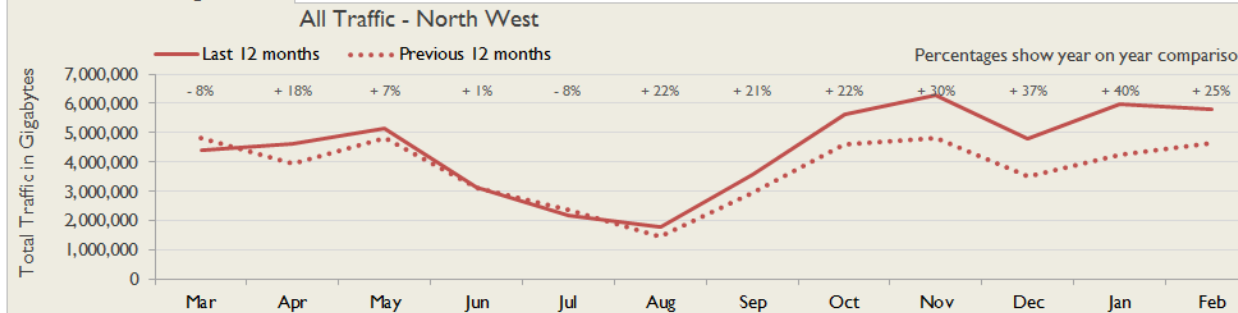| Mean Time to Repair	Average Faults per Service per Year
5h 58m	0.60
Based on 1334 faults over the last 24 months	

NB: Periods of scheduled and emergency maintenance are not included in reliability performance statistics

North West Service Outages - Last 12 Months

Legend: ■ Services with no outage, ■ Services with outage, ■ Services failing SLA

Category	Values
Higher Education	10, 9
Further Education	23, 45, 4
Research	2
Other	4, 9, 1

X-axis: 0, 20, 40, 60, 80
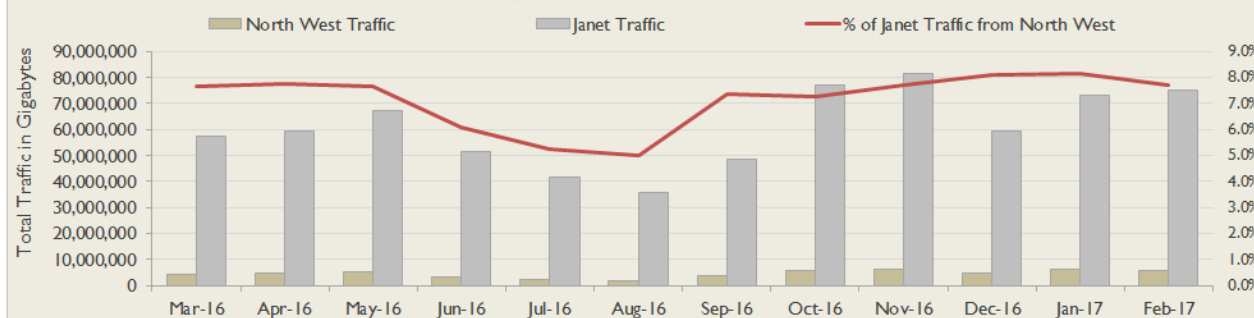
Connection Usage

Traffic usage is expressed as the sum, in gigabytes, of the volume of data carried in both directions in the month, for all links being charted

All Traffic - North West

Legend: Last 12 months ···· Previous 12 months — Percentages show year on year comparison

Year on year comparison: - 8%, + 18%, + 7%, + 1%, - 8%, + 22%, + 21%, + 22%, + 30%, + 37%, + 40%, + 25%

Y-axis: Total Traffic in Gigabytes — 7,000,000, 6,000,000, 5,000,000, 4,000,000, 3,000,000, 2,000,000, 1,000,000, 0
X-axis: Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec, Jan, Feb

% Utilisation of Available Contractual Bandwidth at 90th Percentile

Legend: ■ >75%, ■ 50-75%, ■ 25-50%, ■ 0-25%

Category	0-25%	25-50%	50-75%	>75%
Higher Education	23	2	3	7
Further Education	56	14	7	3
Research	4			
Other	17	7		1

Y-axis: 0, 10, 20, 30, 40, 50, 60, 70, 80, 90
X-axis: Higher Education, Further Education, Research, Other

North West Traffic Against Janet Traffic

Legend: ■ North West Traffic, ■ Janet Traffic, — % of Janet Traffic from North West

Left Y-axis: Total Traffic in Gigabytes — 90,000,000, 80,000,000, 70,000,000, 60,000,000, 50,000,000, 40,000,000, 30,000,000, 20,000,000, 10,000,000, 0
Right Y-axis: 9.0%, 8.0%, 7.0%, 6.0%, 5.0%, 4.0%, 3.0%, 2.0%, 1.0%, 0.0%
X-axis: Mar-16, Apr-16, May-16, Jun-16, Jul-16, Aug-16, Sep-16, Oct-16, Nov-16, Dec-16, Jan-17, Feb-17

Service Availability

The SLA target sets a minimum of 99.7% availability for each customer, averaged over a 12 month rolling period

Periods of scheduled and emergency maintenance are discounted when calculating availability of services

Monthly and annual availabilities falling below 99.7% are highlighted

* Service has resilience - where an organisation retains connectivity during an outage period by means of a second connection, the outage is not counted agaisnt its availability figures

Service	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	12 Month Rolling Availability
Accrington and Rossendale College	100%	100%	100%	99.97%	100%	100%	100%	100%	99.60%	100%	100%	100%	99.96%
Aquinas College	100%	100%	100%	100%	100%	100%	100%	99.33%	100%	100%	100%	100%	99.94%
Ashton Sixth Form College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Birkenhead Sixth Form College	100%	100%	100%	100%	100%	100%	97.92%	100%	100%	100%	100%	97.51%	99.62%
Blackburn College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Blackburn with Darwen Borough Council, North West Learning Grid	100%	100%	100%	100%	100%	100%	100%	99.90%	99.60%	100%	100%	100%	99.96%
Blackpool and The Fylde College, South Building Annex	100%	100%	100%	100%	100%	100%	100%	100%	99.57%	100%	100%	100%	99.96%
Blackpool and The Fylde College, University Centre	100%	100%	100%	100%	100%	100%	100%	99.77%	99.60%	100%	100%	100%	99.95%
Bolton College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Bolton Metropolitan Borough Council, North West Learning Grid	100%	100%	100%	100%	100%	100%	100%	100%	98.77%	100%	100%	99.80%	99.88%
Bolton Sixth Form College, Town Centre Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Bridge College	100%	100%	100%	100%	100%	100%	99.97%	100%	100%	100%	100%	99.94%	>99.99%
Burnley College *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Bury College	100%	100%	100%	100%	100%	100%	100%	100%	99.60%	100%	100%	100%	99.97%

Service	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	12 Month Rolling Availability
Bury Metropolitan Borough Council, North West Learning Grid	100%	100%	100%	100%	100%	100%	100%	100%	**99.60%**	100%	100%	100%	**99.97%**
Bury Metropolitan Borough Council, Personal & Community Development	100%	100%	100%	100%	100%	100%	100%	100%	**99.60%**	100%	100%	100%	**99.97%**
Cardinal Newman College *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Carmel College	100%	100%	100%	**99.97%**	100%	100%	**97.92%**	100%	100%	100%	100%	**99.18%**	**99.76%**
Cheadle and Marple Sixth Form College	100%	100%	100%	100%	100%	100%	**99.97%**	100%	100%	100%	100%	99.94%	**>99.99%**
Cheshire West and Chester Council, Riverside Campus *	100%	100%	100%	**99.97%**	100%	100%	100%	100%	100%	100%	100%	**99.18%**	**99.93%**
City of Stoke-on-Trent Sixth Form College *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Cybermoor Service Limited, The Barn								100%	100%	100%	100%	100%	<12 Months
Edge Hill University *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Edge Hill University, Manchester							100%	100%	100%	100%	100%	100%	<12 Months
Holy Cross College	100%	100%	100%	100%	100%	100%	**98.58%**	**99.05%**	**99.60%**	100%	100%	100%	**99.77%**
Hopwood Hall College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Hugh Baird College *	100%	100%	100%	**99.97%**	100%	100%	**97.92%**	100%	100%	100%	100%	100%	**99.82%**
Imperial War Museum, IWM North	100%	100%	100%	100%	100%	100%	**99.97%**	100%	100%	100%	100%	100%	**>99.99%**
Jisc, Churchgate House											100%	100%	<12 Months
Jisc Commercial Limited, Ovid Technology		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	<12 Months
King George V College	100%	100%	100%	**99.97%**	100%	100%	100%	100%	100%	**99.44%**	100%	**99.18%**	**99.88%**
Knowsley Community College	100%	100%	100%	**99.97%**	100%	100%	**97.92%**	100%	100%	100%	100%	**99.18%**	**99.76%**
Lancashire County Council, Personal & Community Development	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Langdon College	100%	100%	100%	100%	100%	100%	**99.56%**	100%	100%	**99.76%**	100%	100%	**99.94%**

Service	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	12 Month Rolling Availability
Liverpool Hope University *	100%	100%	100%	99.97%	100%	100%	100%	100%	100%	100%	100%	100%	>99.99%
Liverpool Institute for Performing Arts	100%	100%	100%	99.97%	100%	100%	100%	100%	100%	100%	100%	99.18%	99.93%
Liverpool John Moores University *	100%	100%	100%	99.97%	100%	100%	100%	100%	100%	100%	100%	100%	>99.99%
Loreto Sixth Form College	100%	100%	100%	100%	100%	100%	99.97%	100%	100%	100%	100%	100%	>99.99%
Macclesfield College	100%	100%	100%	100%	100%	100%	99.97%	100%	100%	100%	100%	100%	>99.99%
Manchester Metropolitan University *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Mid-Cheshire College of Further Education	100%	99.41%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.95%
Myerscough College	100%	100%	100%	100%	100%	100%	100%	100%	99.60%	100%	100%	100%	99.97%
Myerscough College, Additional Connection	99.94%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	>99.99%
Natural Environment Research Council, National Oceanography Centre, Liverpool *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
NCG, West Lancashire College	99.46%	100%	100%	98.99%	100%	100%	97.92%	100%	100%	100%	100%	99.18%	99.63%
Nelson and Colne College	97.93%	100%	100%	100%	100%	100%	99.03%	96.65%	99.60%	100%	100%	100%	99.43%
Newcastle-under-Lyme College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Oldham Metropolitan Borough Council, North West Learning Grid	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Oldham Sixth Form College, Science Centre		100%	100%	100%	100%	100%	99.97%	100%	100%	100%	100%	100%	<12 Months
Oldham Sixth Form College, Union Street West	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Preston College, Link 1	100%	100%	100%	100%	100%	100%	100%	100%	99.60%	100%	100%	100%	99.97%
Preston College, Link 2	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Priestley College	100%	100%	100%	100%	100%	100%	97.92%	100%	100%	100%	100%	99.18%	99.76%
Reaseheath College	100%	99.41%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.95%
Redcar and Cleveland College, via Telecity Powergate	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Service	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	12 Month Rolling Availability
Regent College Limited	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Riverside College Halton, Halton College Campus	100%	99.41%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.95%
Rochdale Sixth Form College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Royal Northern College of Music *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Runshaw College	100%	100%	100%	100%	100%	100%	100%	100%	99.60%	100%	100%	100%	99.97%
Salford City College, Pendleton Sixth Form Centre	100%	100%	100%	100%	100%	100%	99.97%	100%	100%	100%	100%	100%	>99.99%
Salford City College, Walkden Sixth Form Centre	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Salford City Council, North West Learning Grid	100%	100%	100%	100%	100%	100%	99.97%	100%	100%	100%	100%	100%	>99.99%
Science and Technology Facilities Council, Daresbury Laboratory *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Seashell Trust	100%	100%	99.74%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.98%
Sir John Deane's College	100%	99.41%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.95%
South Cheshire College	100%	99.41%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.95%
Southport College *	100%	100%	100%	99.97%	100%	100%	97.92%	100%	100%	100%	100%	100%	99.82%
Staffordshire University *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Staffordshire University, Stoke-on-Trent Express Route *									100%	100%	100%	100%	<12 Months
St Helens College	100%	100%	100%	99.97%	100%	100%	97.92%	100%	100%	100%	100%	99.18%	99.76%
St Helens Metropolitan Borough Council, Lincoln House		100%	100%	100%	100%	100%	99.97%	100%	100%	100%	100%	100%	<12 Months
St Helens Metropolitan Borough Council, Personal & Community Development	100%	100%	100%	99.97%	100%	100%	100%	100%	100%	100%	100%	99.18%	99.93%
St Helens Metropolitan Borough Council, Town Hall	100%	100%	100%	99.97%	100%	100%	97.92%	94.61%	100%	100%	100%	99.18%	99.31%
St John Rigby College	100%	100%	100%	99.97%	100%	100%	97.92%	100%	100%	100%	100%	99.18%	99.76%
St Mary's College	100%	100%	100%	100%	100%	100%	100%	100%	99.60%	100%	100%	100%	99.97%

Service	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	12 Month Rolling Availability
Stockport College	100%	100%	100%	100%	100%	100%	99.97%	99.14%	100%	100%	100%	100%	99.93%
Stockport Metropolitan Borough Council *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stockton Riverside College, via Telecity Powergate	100%	100%	100%	100%	99.16%	100%	100%	100%	99.57%	100%	100%	100%	99.89%
Stoke-on-Trent College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Stoke-on-Trent College, Burslem Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Synetrix Holdings Ltd, Managed Services for JANET users			100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	<12 Months
Tameside College *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The City of Liverpool College, Bankfield Road Campus	100%	100%	100%	99.97%	100%	100%	100%	100%	100%	100%	100%	99.18%	99.93%
The City of Liverpool College, The Learning Exchange	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The Co-operative College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The David Lewis Centre	100%	100%	100%	100%	99.57%	100%	100%	100%	100%	100%	100%	100%	99.96%
The Liverpool School of Tropical Medicine *	100%	100%	100%	99.97%	100%	100%	100%	100%	100%	100%	100%	100%	>99.99%
The Manchester College, Openshaw Campus	100%	100%	100%	100%	100%	100%	99.97%	100%	100%	100%	100%	100%	>99.99%
The Oldham College, Bellis Building	100%	100%	100%	100%	100%	100%	99.97%	100%	100%	100%	100%	100%	>99.99%
The Oldham College, University Campus Oldham	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The Open University, Manchester	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The Science Museum, Museum of Science and Industry Manchester	100%	100%	100%	100%	100%	100%	99.97%	100%	100%	100%	100%	100%	>99.99%
The University of Bolton *	100%	100%	99.71%	99.97%	100%	100%	100%	100%	100%	100%	100%	100%	99.97%
The University of Manchester *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Trafford College, Altrincham Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Trafford College, The Centre for Science and Technology	100%	100%	100%	100%	100%	100%	99.97%	100%	100%	100%	100%	100%	>99.99%

Service	Mar 16	Apr 16	May 16	Jun 16	Jul 16	Aug 16	Sep 16	Oct 16	Nov 16	Dec 16	Jan 17	Feb 17	12 Month Rolling Availability
Trafford Metropolitan Borough Council, North West Learning Grid *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Central Lancashire *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Chester	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Chester, Leighton Hospital	100%	100%	100%	99.97%	100%	100%	100%	100%	100%	100%	100%	99.18%	99.93%
University of Keele, University Campus *	100%	100%	100%	100%	99.93%	100%	100%	100%	100%	100%	100%	100%	>99.99%
University of Liverpool *	100%	100%	100%	99.97%	100%	100%	100%	100%	100%	100%	100%	100%	>99.99%
University of Salford *	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Salford, via Manchester	100%	100%	100%	100%	100%	100%	99.97%	100%	100%	100%	100%	100%	>99.99%
University of Salford, via Salford	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Warrington Collegiate	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
West Cheshire College	100%	99.41%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.95%
Wigan & Leigh College, Leigh College	100%	100%	100%	99.97%	100%	100%	97.92%	100%	100%	100%	100%	100%	99.82%
Wigan & Leigh College, Parson's Walk Centre	100%	100%	100%	99.97%	100%	100%	97.92%	100%	100%	100%	100%	99.18%	99.76%
Winstanley College *	100%	100%	100%	100%	100%	100%	97.92%	100%	100%	100%	100%	100%	99.83%
Wirral Metropolitan College	100%	100%	100%	99.97%	100%	100%	97.92%	100%	100%	100%	99.97%	99.18%	99.75%
Wirral Metropolitan College, Conway Park Campus	100%	100%	100%	100%	100%	100%	100%	100%	99.57%	100%	100%	100%	99.96%
Workers' Educational Association, North West	100%	100%	100%	99.97%	100%	100%	97.92%	100%	98.82%	100%	100%	99.18%	99.66%
Xaverian College	100%	100%	100%	100%	100%	100%	99.97%	100%	100%	100%	100%	100%	>99.99%

Connection outages for current month

Maintenance outages are included in this table - only unscheduled maintenance is counted against availability.

Some of the outages reported below are on circuits which are not connected through the selected region - they appear in the table because they are part of a service whose primary connection does belong to this region.

Connection	Start Date and Time	End Date and Time	Parking hh:mm	Duration hh:mm	Fault Type	Description
Aquinas College	10/02/2017 23:45	11/02/2017 06:11	00:00	06:26	Telco Maintenance	Scheduled maintenance within the North West Region
Bolton College	10/02/2017 23:45	11/02/2017 06:11	00:00	06:26	Telco Maintenance	Scheduled maintenance within the North West Region
Bridge College	06/02/2017 22:01	06/02/2017 22:24	00:00	00:23	Telco Maintenance	Telco unscheduled maintenance
Cardinal Newman College, via University of Manchester	07/02/2017 09:57	07/02/2017 10:09	00:00	00:12	Customer Maintenance	Customer unscheduled maintenance
Cardinal Newman College, via University of Manchester	18/02/2017 23:05	19/02/2017 00:26	00:00	01:21	Telco Maintenance	Telco unscheduled maintenance
Carmel College	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
Carmel College	03/02/2017 21:44	04/02/2017 00:46	00:00	03:02	Telco Maintenance	Scheduled maintenance
Cheadle and Marple Sixth Form College, via University of Liverpool	06/02/2017 22:01	06/02/2017 22:24	00:00	00:23	Telco Maintenance	Telco unscheduled maintenance
Edge Hill University, Durning Centre	03/02/2017 21:45	04/02/2017 02:21	00:00	04:36	Unknown	Unknown
Edge Hill University, Durning Centre	18/02/2017 23:05	19/02/2017 02:21	00:00	03:16	Telco Maintenance	Telco unscheduled maintenance
Edge Hill University, Durning Centre	27/02/2017 12:32	27/02/2017 13:32	00:00	01:00	Unknown	Unknown fault

Connection	Start Date and Time	End Date and Time	Parking hh:mm	Duration hh:mm	Fault Type	Description
Hugh Baird College	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
Hugh Baird College	03/02/2017 21:44	04/02/2017 00:46	00:00	03:02	Telco Maintenance	Scheduled maintenance
King George V College	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
Knowsley Community College	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
Knowsley Community College	03/02/2017 21:44	04/02/2017 00:46	00:00	03:02	Telco Maintenance	Scheduled maintenance
The City of Liverpool College, Bankfield Road Campus	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
Liverpool Institute for Performing Arts	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
Loreto Sixth Form College	15/02/2017 10:42	15/02/2017 13:41	00:00	02:59	Customer Environment	Wide area power outage
Loreto Sixth Form College	20/02/2017 19:27	20/02/2017 21:02	00:00	01:35	Customer Environment	Customer power cut
Loreto Sixth Form College	22/02/2017 10:27	22/02/2017 11:44	00:00	01:17	Customer Maintenance	Site power maintenance at Loreto SFC
Loreto Sixth Form College	22/02/2017 13:04	22/02/2017 13:23	00:00	00:19	Customer Maintenance	Site power maintenance at Loreto SFC
Oldham Sixth Form College, Union Street West	10/02/2017 23:45	11/02/2017 06:11	00:00	06:26	Telco Maintenance	Scheduled maintenance within the North West Region
Priestley College	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
Priestley College	03/02/2017 21:44	04/02/2017 00:46	00:00	03:02	Telco Maintenance	Scheduled maintenance

Connection	Start Date and Time	End Date and Time	Parking hh:mm	Duration hh:mm	Fault Type	Description
Riverside College Halton, Halton College Campus	01/02/2017 23:59	02/02/2017 00:13	00:00	00:14	Telco Maintenance	Scheduled telco maintenance
Runshaw College	24/02/2017 17:57	24/02/2017 20:43	00:00	02:46	Customer Maintenance	Customer scheduled maintenance
Salford City College, Walkden Sixth Form Centre	10/02/2017 23:45	11/02/2017 06:11	00:00	06:26	Telco Maintenance	Scheduled maintenance within the North West Region
Science and Technology Facilities Council, Daresbury Laboratory, via Liverpool	04/02/2017 22:54	05/02/2017 09:01	00:00	10:07	Telco Maintenance	Unscheduled telco maintenance
Seashell Trust	10/02/2017 23:45	11/02/2017 06:11	00:00	06:26	Telco Maintenance	Scheduled maintenance within the North West Region
NCG, West Lancashire College	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
NCG, West Lancashire College	03/02/2017 21:44	04/02/2017 00:46	00:00	03:02	Telco Maintenance	Scheduled maintenance
Southport College, via University of Manchester	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
Southport College, via University of Manchester	01/02/2017 23:59	02/02/2017 00:13	00:00	00:14	Telco Maintenance	Scheduled telco maintenance
Southport College, via University of Manchester	03/02/2017 21:44	04/02/2017 00:46	00:00	03:02	Telco Maintenance	Scheduled maintenance
St Helens Metropolitan Borough Council, Personal & Community Development	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
St Helens Metropolitan Borough Council, Personal & Community Development	03/02/2017 21:44	04/02/2017 00:46	00:00	03:02	Telco Maintenance	Scheduled maintenance
St Helens College	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
St Helens College	03/02/2017 21:44	04/02/2017 00:46	00:00	03:02	Telco Maintenance	Scheduled maintenance

Connection	Start Date and Time	End Date and Time	Parking hh:mm	Duration hh:mm	Fault Type	Description
St John Rigby College	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
St John Rigby College	03/02/2017 21:44	04/02/2017 00:46	00:00	03:02	Telco Maintenance	Scheduled maintenance
Tameside College, via Telecity Powergate	23/02/2017 01:33	23/02/2017 01:50	00:00	00:17	Telco Maintenance	Scheduled telco maintenance
The Co-operative College	10/02/2017 23:45	11/02/2017 06:11	00:00	06:26	Telco Maintenance	Scheduled maintenance within the North West Region
The David Lewis Centre	10/02/2017 23:45	11/02/2017 06:11	00:00	06:26	Telco Maintenance	Scheduled maintenance within the North West Region
The Oldham College, Bellis Building	16/02/2017 07:00	16/02/2017 08:33	00:00	01:33	Regional Maintenance	Scheduled maintenance
The University of Bolton, Eagle Building	27/02/2017 12:32	27/02/2017 13:32	00:00	01:00	Unknown	Unknown fault
The University of Bolton, Deane Building	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
University of Liverpool, Brownlow Hill	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
University of Liverpool, Brownlow Hill	02/02/2017 23:29	02/02/2017 23:41	00:00	00:12	Unknown	Unknown
University of Liverpool, Rendall Building	01/02/2017 08:34	01/02/2017 11:57	00:00	03:23	Customer Environment	Site power failure
University of Liverpool, Rendall Building	01/02/2017 13:41	01/02/2017 14:43	00:00	01:02	Customer Environment	Site power failure
University of Liverpool, Rendall Building	03/02/2017 10:51	03/02/2017 11:05	00:00	00:14	Customer Environment	Site power failure
University of Liverpool, Rendall Building	28/02/2017 15:02	28/02/2017 15:28	00:00	00:26	Customer Environment	Power issues at site

Connection	Start Date and Time	End Date and Time	Parking hh:mm	Duration hh:mm	Fault Type	Description
Warrington Collegiate	10/02/2017 23:45	11/02/2017 06:11	00:00	06:26	Telco Maintenance	Scheduled maintenance within the North West Region
Winstanley College	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
Winstanley College	03/02/2017 21:44	04/02/2017 00:46	00:00	03:02	Telco Maintenance	Scheduled maintenance
Wirral Metropolitan College	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
Wirral Metropolitan College	01/02/2017 23:59	02/02/2017 00:13	00:00	00:14	Telco Maintenance	Scheduled telco maintenance
Wirral Metropolitan College	03/02/2017 21:44	04/02/2017 00:46	00:00	03:02	Telco Maintenance	Scheduled maintenance
Workers' Educational Association, North West	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
Workers' Educational Association, North West	03/02/2017 21:44	04/02/2017 00:46	00:00	03:02	Telco Maintenance	Scheduled maintenance
Stockport Metropolitan Borough Council, via Telecity Manchester	16/02/2017 07:00	16/02/2017 08:33	00:00	01:33	Regional Maintenance	Scheduled maintenance
Stockport Metropolitan Borough Council, via University of Manchester	10/02/2017 23:45	11/02/2017 06:11	00:00	06:26	Telco Maintenance	Scheduled maintenance within the North West Region
Trafford Metropolitan Borough Council, North West Learning Grid, Trafford Town Hall	10/02/2017 23:45	11/02/2017 06:11	00:00	06:26	Telco Maintenance	Scheduled maintenance within the North West Region
St Helens Metropolitan Borough Council, Town Hall	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
St Helens Metropolitan Borough Council, Town Hall	03/02/2017 21:44	04/02/2017 00:46	00:00	03:02	Telco Maintenance	Scheduled maintenance
Oldham Metropolitan Borough Council, North West Learning Grid	10/02/2017 23:45	11/02/2017 06:11	00:00	06:26	Telco Maintenance	Scheduled maintenance within the North West Region

Connection	Start Date and Time	End Date and Time	Parking hh:mm	Duration hh:mm	Fault Type	Description
Bolton Metropolitan Borough Council, North West Learning Grid	18/02/2017 23:05	19/02/2017 00:26	00:00	01:21	Telco Maintenance	Telco unscheduled maintenance
London Grid for Learning Trust, Orpington via Manchester	08/02/2017 01:01	08/02/2017 01:52	00:00	00:51	Customer Maintenance	Unscheduled customer maintenance
Bolton Sixth Form College, Town Centre Campus	10/02/2017 23:45	11/02/2017 06:11	00:00	06:26	Telco Maintenance	Scheduled maintenance within the North West Region
Cheshire West and Chester Council, Riverside Campus, Minerva	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
Cheshire West and Chester Council, Riverside Campus, Riverside	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
Rochdale Sixth Form College	10/02/2017 23:45	11/02/2017 06:11	00:00	06:26	Telco Maintenance	Scheduled maintenance within the North West Region
The Oldham College, University Campus Oldham	10/02/2017 23:45	11/02/2017 06:11	00:00	06:26	Telco Maintenance	Scheduled maintenance within the North West Region
Wigan & Leigh College, Leigh College	10/02/2017 23:45	11/02/2017 06:11	00:00	06:26	Telco Maintenance	Scheduled maintenance within the North West Region
Wigan & Leigh College, Parson's Walk Centre	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
Wigan & Leigh College, Parson's Walk Centre	03/02/2017 21:44	04/02/2017 00:46	00:00	03:02	Telco Maintenance	Scheduled maintenance
The Open University, Manchester	12/02/2017 13:14	12/02/2017 14:25	00:00	01:11	Customer Maintenance	Site maintenance
Stockton Riverside College, via Telecity Powergate	21/02/2017 01:11	21/02/2017 01:22	00:00	00:11	Telco Maintenance	Scheduled maintenance within the North East Network.
The Liverpool School of Tropical Medicine, Wolfson Building	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
The Liverpool School of Tropical Medicine, Wolfson Building	03/02/2017 21:44	04/02/2017 00:46	00:00	03:02	Telco Maintenance	Scheduled maintenance

Connection	Start Date and Time	End Date and Time	Parking hh:mm	Duration hh:mm	Fault Type	Description
University of Chester, Leighton Hospital	01/02/2017 01:52	01/02/2017 07:22	00:00	05:30	Regional Environment	Power outage affecting University of Liverpool, Brownlow Hill R-PoP
Oldham Sixth Form College, Science Centre	16/02/2017 07:00	16/02/2017 08:33	00:00	01:33	Regional Maintenance	Scheduled maintenance