



Wales Service Report

June 2015

Service Reliability

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



Average Availability of All Services in Wales				Average Availability of All Services in Janet			
Jun 2015	Equivalent Unavailability in Minutes per Service	12 Months Rolling	Equivalent Unavailability in Minutes per Service	Jun 2015	Equivalent Unavailability in Minutes per Service	12 Months Rolling	Equivalent Unavailability in Minutes per Service
99.99%	6	99.97%	136	99.98%	9	99.95%	259
Mean Time to Repair		Average Faults per Service per Year		Mean Time to Repair		Average Faults per Service per Year	
6h 14m		0.29		5h 40m		0.66	
Based on 34 faults over the last 24 months				Based on 1342 faults over the last 24 months			

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

Connections in Wales by Bandwidth



Wales Service Outages - Last 12 Months

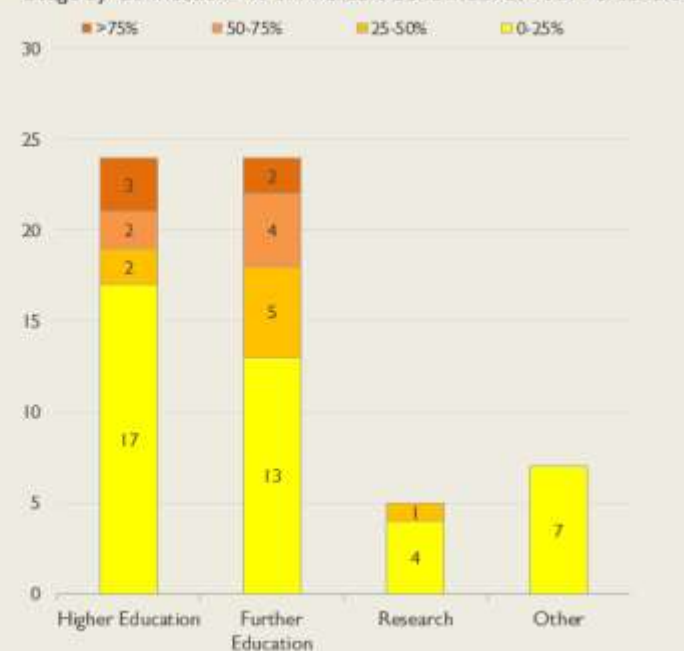


Connection Usage

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



Usage by Connection - % of Available Bandwidth at 90th Percentile



Wales Traffic Against Janet Traffic



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 against its availability figures

Service	Jul 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	12 Month Rolling Availability
Aberystwyth University, Visualisation Centre	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Aberystwyth University, Llandinam Building	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Bangor University, Deiniol Road	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Bridgend College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Cardiff Metropolitan University, Cyncoed Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Cardiff Metropolitan University, Llandaff Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Cardiff University, Cathays Park	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Cardiff University, Trevithick Building	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coleg Cambria, Deeside	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coleg Cambria, Llysfas	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.93%	>99.99%
Coleg Cambria, Yale	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.93%	>99.99%
Coleg Cambria, Northop	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.93%	>99.99%
Coleg Ceredigion, Aberystwyth Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coleg Ceredigion, Cardigan Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coleg Elidyr	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.64%	100%	100%	99.97%
Coleg Gwent, Blaenau Gwent Learning Zone	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coleg Gwent, Usk	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coleg Sir Gar*	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coleg Y Cymoedd, Nantgarw Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Coleg Y Cymoedd, Ystrad Mynach Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Glyndwr University, Wrexham, Edward Llwyd Building								100%	100%	100%	100%	100%	<12 Months
Glyndwr University, Wrexham, Computer Centre	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.93%	>99.99%
Gower College Swansea, Gorseinon Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Gower College Swansea, Tycoch Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Service	Jul 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	12 Month Rolling Availability
Grwp Llandrillo-Menai, Coleg Llandrillo	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Grwp Llandrillo-Menai, Coleg Menai	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
High Performance Computing Wales	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Higher Education Funding Council for Wales	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Medical Research Council, Bridgend Data Centre*	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Merthyr Tydfil College Limited	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Mudiad Meithrin Cyf, Aberystwyth	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
National Institute of Adult Continuing Education, Dysgu Cymru, Cardiff	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Natural Environment Research Council, CEH, Bangor	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Natural Environment Research Council, British Geological Survey, Cardiff	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99.60%	99.97%
Natural Environment Research Council, CEH, Climate Change Solardome Facility	100%	100%	100%	100%	100%	100%	100%	100%	100%	85.84%	100%	99.86%	98.81%
Neath Port Talbot College, Newtown Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	98.87%	100%	100%	99.91%
Neath Port Talbot College, Neath Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Pembrokeshire College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Royal Mencap Society, Mencap National College - Pengwern	100%	100%	100%	100%	100%	100%	100%	100%	99.01%	100%	100%	100%	99.92%
Royal Welsh College of Music and Drama	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
St David's Catholic College	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Swansea University, College of Human and Health Sciences	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Swansea University, Library and Information centre	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The Cardiff and Vale College, Trowbridge	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The Cardiff and Vale College, Colcot Road	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
The Open University, Cardiff											100%	100%	<12 Months
University of South Wales, Treforest Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of South Wales, Newport City Campus			100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	<12 Months
University of South Wales, Caerleon Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of South Wales, Cardiff Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Wales	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Service	Jul 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14	Jan 15	Feb 15	Mar 15	Apr 15	May 15	Jun 15	12 Month Rolling Availability
University of Wales Trinity Saint David, Carmarthen Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Wales Trinity Saint David, Lampeter Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
University of Wales Trinity Saint David, Swansea Campus	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
WEA Cymru, Coleg Harlech Workers' Educational Association	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Workers' Educational Association Wales, Coopers Yard	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Y Coleg Cymraeg Cenedlaethol, Cardiff Office	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Y Coleg Cymraeg Cenedlaethol, Head Office	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

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
Natural Environment Research Council, CEH, Climate Change Solardome Facility	04/06/2015 14:00	04/06/2015 15:00	00:00	01:00	Telco Configuration	Configuration mismatch affecting NERC Solardome
Natural Environment Research Council, British Geological Survey, Cardiff	10/06/2015 15:33	10/06/2015 18:26	00:00	02:53	Telco Equipment	Faulty core device
Bridgend College	20/06/2015 20:45	22/06/2015 10:28	00:00	37:43	Unknown	Site and Logicalis investigated, nothing clear to indicate a cause for this outage
Coleg Cambria, Llysfasi	20/06/2015 18:55	22/06/2015 10:29	15:02	00:32	Telco Equipment	Unknown
Coleg Cambria, Northop	20/06/2015 18:55	22/06/2015 10:29	15:02	00:32	Telco Equipment	Core router became unresponsive
Coleg Cambria, Yale	20/06/2015 18:55	22/06/2015 10:29	15:02	00:32	Telco Equipment	Unknown
Glyndwr University, Wrexham, Computer Centre	20/06/2015 18:55	22/06/2015 10:29	15:02	00:32	Telco Equipment	Unknown
Coleg Cambria, Northop	22/06/2015 17:27	22/06/2015 22:17	00:00	04:50	Customer Environment	Customer power cut
St David's Catholic College	24/06/2015 17:05	24/06/2015 18:01	00:00	00:56	Customer Environment	Power outage at site
Natural Environment Research Council, British Geological Survey, Cardiff	26/06/2015 16:42	29/06/2015 08:18	00:00	63:36	Customer Scheduled Maintenance	Customer power maintenance

Link Utilisation

The table shows utilisation at the 90th percentile, i.e. for 90% of the samples within the period the traffic was at or below the level shown and for 10% of the samples traffic was above the level shown. The figure therefore gives a reasonable indication of the loading of the connection during the busiest periods. The measurements are shown as a percentage of the available raw bandwidth, and only the highest of the to/from readings for the month is used.

Some of the connections reported below 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	Current Bandwidth	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
Aberystwyth University, Llandinam Building	100Mbit/s	147%	121%	455%	621%	660%	605%	644%	708%	711%	693%	712%	247%
Aberystwyth University, Visualisation Centre	1Gbit/s	10%	9%	44%	60%	65%	58%	66%	75%	70%	74%	76%	27%
Bangor University, Deiniol Road	2Gbit/s	15%	10%	32%	47%	50%	48%	53%	63%	54%	60%	57%	25%
Bridgend College	1Gbit/s	1%	1%	5%	7%	7%	3%	7%	7%	8%	7%	6%	7%
Cardiff Metropolitan University, Cyncoed Campus	1Gbit/s	3%	2%	12%	22%	29%	28%	27%	38%	37%	19%	31%	13%
Cardiff Metropolitan University, Llandaff Campus	1Gbit/s	28%	24%	38%	16%	62%	51%	12%	20%	21%	13%	15%	9%
Cardiff University, Cathays Park	10Gbit/s	18%	18%	20%	28%	33%	50%	27%	32%	34%	33%	34%	8%
Cardiff University, Trevithick Building	10Gbit/s	10%	9%	32%	51%	58%	34%	60%	68%	67%	58%	66%	11%
Coleg Cambria, Deeside	1Gbit/s	2%	2%	12%	14%	16%	15%	18%	18%	20%	18%	17%	17%
Coleg Cambria, Llysfasi	100Mbit/s	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
Coleg Cambria, Northop	100Mbit/s	4%	3%	20%	23%	25%	21%	29%	29%	36%	30%	36%	33%
Coleg Cambria, Yale	1Gbit/s	1%	1%	12%	15%	17%	15%	18%	19%	21%	18%	18%	17%
Coleg Ceredigion, Aberystwyth Campus	100Mbit/s	3%	2%	16%	51%	58%	24%	29%	25%	22%	80%	61%	75%
Coleg Ceredigion, Cardigan Campus	100Mbit/s	2%	1%	9%	17%	90%	17%	22%	20%	21%	86%	83%	83%
Coleg Elidyr	100Mbit/s	8%	5%	9%	8%	9%	8%	7%	10%	10%	9%	10%	12%
Coleg Gwent, Blaenau Gwent Learning Zone	1Gbit/s	3%	3%	19%	24%	28%	23%	30%	31%	34%	31%	29%	23%
Coleg Gwent, Usk	200Mbit/s												
Coleg Sir Gar, Graig Campus	100Mbit/s	18%	24%	60%	71%	74%	72%	82%	74%	85%	80%	78%	71%
Coleg Sir Gar, Pibwrlwyd Campus	100Mbit/s	3%	2%	14%	9%	10%	8%	8%	8%	11%	10%	10%	8%
Coleg Y Cymoedd, Nantgarw Campus	100Mbit/s	11%	6%	56%	74%	98%	72%	99%	97%	108%	90%	87%	86%
Coleg Y Cymoedd, Ystrad Mynach Campus	1Gbit/s	1%	<0.5%	3%	4%	6%	4%	6%	5%	7%	5%	6%	7%
Glyndwr University, Wrexham, Computer Centre	1Gbit/s	157%	79%	173%	271%	282%	252%	269%	275%	268%	268%	222%	10%
Glyndwr University, Wrexham, Edward Llwyd Building	1Gbit/s								<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
Gower College Swansea, Gorseinon Campus	100Mbit/s	2%	1%	25%	35%	41%	29%	41%	42%	45%	36%	34%	36%
Gower College Swansea, Tycoch Campus	100Mbit/s	7%	6%	36%	53%	68%	44%	78%	69%	66%	60%	55%	54%

Connection	Current Bandwidth	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
Grwp Llandrillo-Menai, Coleg Llandrillo	1Gbit/s	4%	3%	15%	21%	23%	21%	25%	24%	26%	24%	25%	21%
Grwp Llandrillo-Menai, Coleg Menai	1Gbit/s	<0.5%	<0.5%	3%	3%	4%	3%	5%	5%	6%	6%	5%	4%
High Performance Computing Wales	1Gbit/s	2%	1%	2%	2%	3%	24%	4%	15%	14%	7%	6%	1%
Higher Education Funding Council for Wales	100Mbit/s	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%	1%
Medical Research Council, Bridgend Data Centre, Cardiff University	100Mbit/s	2%	1%	1%	1%	1%	1%	1%	2%	2%	3%	3%	2%
Medical Research Council, Bridgend Data Centre, Udata Local Exchange	100Mbit/s	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%	<0.5%
Merthyr Tydfil College Limited	100Mbit/s	6%	4%	30%	36%	47%	37%	47%	50%	56%	51%	41%	38%
Mudiad Meithrin Cyf, Aberystwyth	10Mbit/s	9%	6%	8%	9%	15%	6%	11%	14%	11%	14%	6%	7%
National Institute of Adult Continuing Education, Dysgu Cymru, Cardiff	100Mbit/s	16%	6%	6%	16%	10%	13%	20%	19%	13%	16%	3%	2%
Natural Environment Research Council, British Geological Survey, Cardiff	100Mbit/s	<0.5%	<0.5%	<0.5%	<0.5%	1%	<0.5%	1%	1%	1%	1%	1%	1%
Natural Environment Research Council, CEH, Bangor	1Gbit/s	29%	27%	30%	30%	31%	30%	30%	31%	32%	32%	35%	40%
Natural Environment Research Council, CEH, Climate Change Solardome Facility	2Mbit/s	32%	1%	1%	1%	1%	1%	2%	2%	11%	13%	12%	13%
Neath Port Talbot College, Neath Campus	100Mbit/s	10%	10%	32%	41%	49%	44%	55%	58%	69%	73%	71%	73%
Neath Port Talbot College, Newtown Campus	500Mbit/s	2%	1%	6%	8%	9%	7%	9%	9%	8%	1%	4%	9%
Pembrokeshire College	1Gbit/s			5%	6%	7%	7%	8%	8%	9%	8%	7%	9%
Royal Mencap Society, Mencap National College - Pengwern	10Mbit/s	35%	13%	41%	33%	37%	23%	<0.5%	<0.5%	<0.5%		<0.5%	<0.5%
Royal Welsh College of Music and Drama	100Mbit/s	7%	4%	10%	15%	17%	11%	16%	19%	21%	13%	20%	18%
St David's Catholic College	100Mbit/s	6%	2%	23%	40%	47%	35%	55%	55%	53%	51%	43%	28%
Swansea University, College of Human and Health Sciences	10Mbit/s	17%	10%	24%	23%	18%	79%	21%	23%	17%	24%	24%	24%
Swansea University, Library and Information centre	2Gbit/s	19%	19%	44%	65%	69%	62%	76%	81%	78%	81%	81%	67%
The Cardiff and Vale College, Colcot Road	100Mbit/s	8%	4%	19%	24%	31%	24%	30%	31%	35%	28%	27%	21%
The Cardiff and Vale College, Trowbridge	100Mbit/s	12%	8%	40%	48%	59%	45%	61%	58%	64%	52%	48%	28%
The Open University, Cardiff	100Mbit/s											6%	7%
University of South Wales, Caerleon Campus	1Gbit/s	2%	2%	3%	4%	5%	3%	4%	5%	5%	4%	4%	2%
University of South Wales, Cardiff Campus	1Gbit/s	2%	1%	2%	4%	4%	3%	4%	4%	4%	4%	4%	2%
University of South Wales, Newport City Campus	100Mbit/s			1%	1%	2%	<0.5%	<0.5%	<0.5%	<0.5%	1%	<0.5%	<0.5%
University of South Wales, Treforest Campus	100Mbit/s	99%	90%	117%	243%	266%	159%	261%	280%	303%	221%	227%	135%

Connection	Current Bandwidth	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
University of Wales	100Mbit/s	5%	4%	6%	5%	4%	5%	5%	5%	5%	6%	4%	5%
University of Wales Trinity Saint David, Carmarthen Campus	100Mbit/s	23%	14%	114%	160%	174%	150%	174%	201%	204%	174%	186%	71%
University of Wales Trinity Saint David, Lampeter Campus	100Mbit/s	19%	16%	105%	174%	207%	129%	190%	203%	202%	254%	258%	175%
University of Wales Trinity Saint David, Swansea Campus	300Mbit/s	11%	9%	32%	40%	41%	32%	48%	47%	46%	40%	41%	22%
WEA Cymru, Coleg Harlech Workers' Educational Association	100Mbit/s	<0.5%	<0.5%	1%	1%	2%	<0.5%	1%	1%	1%	<0.5%	1%	1%
Workers' Educational Association Wales, Coopers Yard	100Mbit/s	1%	1%	1%	2%	2%	1%	2%	2%			2%	3%
Y Coleg Cymraeg Cenedlaethol, Cardiff Office	100Mbit/s	<0.5%	<0.5%	1%	1%	1%	<0.5%	1%	1%	1%	1%	<0.5%	1%
Y Coleg Cymraeg Cenedlaethol, Head Office	100Mbit/s	1%	1%	2%	2%	2%	2%	2%	2%	2%	2%	2%	2%