

Traceroute

www.atos.com

DAY1

saijoshithakathari@Sais-MacBook-Air ~ % traceroute www.atos.com

traceroute: Warning: www.atos.com has multiple addresses; using 23.206.214.80

traceroute to e172223.b.akamaiedge.net (23.206.214.80), 64 hops max, 52 byte packets

```
1 10.0.0.1 (10.0.0.1) 14.529 ms 5.057 ms 5.097 ms
2 96.120.42.5 (96.120.42.5) 12.160 ms 11.703 ms 13.409 ms
3 po-301-1209-rur01.dearborn.mi.michigan.comcast.net (96.110.172.121) 12.405 ms 12.518 ms 12.589 ms
4 po-1-rur02.dearborn.mi.michigan.comcast.net (68.85.223.14) 13.280 ms 21.984 ms 13.247 ms
5 ae-60-ar01.pontiac.mi.michigan.comcast.net (68.87.190.29) 16.392 ms 23.263 ms 13.244 ms
6 ae-200-ar01.taylor.mi.michigan.comcast.net (68.86.122.161) 24.813 ms
  ae-100-ar01.taylor.mi.michigan.comcast.net (68.86.122.157) 14.539 ms
  ae-200-ar01.taylor.mi.michigan.comcast.net (68.86.122.161) 16.064 ms
7 50-203-123-54-static.hfc.comcastbusiness.net (50.203.123.54) 50.031 ms 49.718 ms 16.277 ms
8 a23-206-214-80.deploy.static.akamaitechnologies.com (23.206.214.80) 17.597 ms 16.277 ms 16.520 ms
```

saijoshithakathari@Sais-MacBook-Air ~ % traceroute 23.206.214.80

traceroute to 23.206.214.80 (23.206.214.80), 64 hops max, 52 byte packets

```
1 10.0.0.1 (10.0.0.1) 17.594 ms 5.016 ms 5.059 ms
2 96.120.42.5 (96.120.42.5) 17.253 ms 11.287 ms 22.664 ms
3 po-301-1209-rur01.dearborn.mi.michigan.comcast.net (96.110.172.121) 15.729 ms 12.546 ms 13.377 ms
4 po-1-rur02.dearborn.mi.michigan.comcast.net (68.85.223.14) 14.407 ms 13.294 ms 13.255 ms
5 ae-60-ar01.pontiac.mi.michigan.comcast.net (68.87.190.29) 19.902 ms 21.699 ms 13.882 ms
6 ae-100-ar01.taylor.mi.michigan.comcast.net (68.86.122.157) 19.317 ms 20.401 ms
  ae-200-ar01.taylor.mi.michigan.comcast.net (68.86.122.161) 29.824 ms
7 50-203-123-54-static.hfc.comcastbusiness.net (50.203.123.54) 17.370 ms 25.503 ms 24.300 ms
8 a23-206-214-80.deploy.static.akamaitechnologies.com (23.206.214.80) 16.670 ms 15.265 ms 16.242 ms
```

saijoshithakathari@Sais-MacBook-Air ~ % traceroute www.atos.com

traceroute: Warning: www.atos.com has multiple addresses; using 23.206.214.80

traceroute to e172223.b.akamaiedge.net (23.206.214.80), 64 hops max, 52 byte packets

```
1 10.0.0.1 (10.0.0.1) 17.845 ms 4.887 ms 5.803 ms
2 96.120.42.5 (96.120.42.5) 15.523 ms 21.607 ms 12.228 ms
3 po-301-1209-rur01.dearborn.mi.michigan.comcast.net (96.110.172.121) 17.960 ms 13.457 ms 12.182 ms
4 po-1-rur02.dearborn.mi.michigan.comcast.net (68.85.223.14) 16.822 ms 12.064 ms 11.897 ms
5 ae-60-ar01.pontiac.mi.michigan.comcast.net (68.87.190.29) 21.324 ms 19.030 ms 14.805 ms
6 ae-200-ar01.taylor.mi.michigan.comcast.net (68.86.122.161) 14.299 ms
  ae-100-ar01.taylor.mi.michigan.comcast.net (68.86.122.157) 19.934 ms
  ae-200-ar01.taylor.mi.michigan.comcast.net (68.86.122.161) 17.023 ms
7 50-203-123-54-static.hfc.comcastbusiness.net (50.203.123.54) 22.046 ms 25.423 ms 17.559 ms
8 a23-206-214-80.deploy.static.akamaitechnologies.com (23.206.214.80) 29.983 ms 19.793 ms 17.285 ms
```

saijoshithakathari@Sais-MacBook-Air ~ % traceroute 23.206.214.80

traceroute to 23.206.214.80 (23.206.214.80), 64 hops max, 52 byte packets

```
1 10.0.0.1 (10.0.0.1) 19.671 ms 4.690 ms 5.374 ms
2 96.120.42.5 (96.120.42.5) 12.863 ms 13.092 ms 12.748 ms
3 po-301-1209-rur01.dearborn.mi.michigan.comcast.net (96.110.172.121) 13.400 ms 12.693 ms 13.001 ms
4 po-1-rur02.dearborn.mi.michigan.comcast.net (68.85.223.14) 12.320 ms 11.903 ms 12.832 ms
5 ae-60-ar01.pontiac.mi.michigan.comcast.net (68.87.190.29) 13.468 ms 14.656 ms 15.904 ms
6 ae-200-ar01.taylor.mi.michigan.comcast.net (68.86.122.161) 18.091 ms
  ae-100-ar01.taylor.mi.michigan.comcast.net (68.86.122.157) 15.626 ms
  ae-200-ar01.taylor.mi.michigan.comcast.net (68.86.122.161) 17.518 ms
```

7 50-203-123-54-static.hfc.comcastbusiness.net (50.203.123.54) 56.271 ms 56.816 ms 19.536 ms
8 a23-206-214-80.deploy.static.akamaitechnologies.com (23.206.214.80) 31.924 ms 24.759 ms 21.821 ms

AUTONOMOUS SYSTEM NUMBER OR ISP FOR EACH ROUTER:

saijoshithakathari@Sais-MacBook-Air ~ % whois -h whois.arin.net 50.203.123.54

NetRange: 50.128.0.0 - 50.255.255.255
CIDR: 50.128.0.0/9
NetName: CCCH3-4
NetHandle: NET-50-128-0-0-1
Parent: NET50 (NET-50-0-0-0-0)
NetType: Direct Allocation
OriginAS: AS7922
Organization: Comcast Cable Communications, LLC (CCCS)
RegDate: 2010-10-21
Updated: 2021-01-25
Ref: <https://rdap.arin.net/registry/ip/50.128.0.0>
OrgName: Comcast Cable Communications, LLC
OrgId: CCCS
Address: 1800 Bishops Gate Blvd
City: Mt Laurel
StateProv: NJ
PostalCode: 08054
Country: US
RegDate: 2001-09-18
Updated: 2020-11-18
Ref: <https://rdap.arin.net/registry/entity/CCCS>
OrgTechHandle: IC161-ARIN
OrgTechName: Comcast Cable Communications Inc
OrgTechPhone: +1-856-792-2300
OrgTechEmail: CNIPEO-lp-registration@cable.comcast.com
OrgTechRef: <https://rdap.arin.net/registry/entity/IC161-ARIN>
OrgRoutingHandle: ROUTI25-ARIN
OrgRoutingName: Routing
OrgRoutingPhone: +1-856-792-2300
OrgRoutingEmail: routing@comcast.com
OrgRoutingRef: <https://rdap.arin.net/registry/entity/ROUTI25-ARIN>
OrgAbuseHandle: NAPO-ARIN
OrgAbuseName: Network Abuse and Policy Observance
OrgAbusePhone: +1-888-565-4329
OrgAbuseEmail: abuse@comcast.net
OrgAbuseRef: <https://rdap.arin.net/registry/entity/NAPO-ARIN>
saijoshithakathari@Sais-MacBook-Air ~ %

DAY2

saijoshithakathari@Sais-MacBook-Air ~ % traceroute www.atos.com

traceroute: Warning: www.atos.com has multiple addresses; using 23.206.214.50

traceroute to e172223.b.akamaiedge.net (23.206.214.50), 64 hops max, 52 byte packets

1 10.0.0.1 (10.0.0.1) 13.866 ms 5.332 ms 6.133 ms
2 96.120.42.5 (96.120.42.5) 13.729 ms 12.684 ms 12.347 ms
3 po-301-1209-rur01.dearborn.mi.michigan.comcast.net (96.110.172.121) 13.941 ms 16.369 ms 11.868 ms
4 po-1-rur02.dearborn.mi.michigan.comcast.net (68.85.223.14) 13.649 ms 13.228 ms 21.799 ms
5 ae-60-ar01.pontiac.mi.michigan.comcast.net (68.87.190.29) 15.921 ms 26.775 ms 22.453 ms

```

6 ae-200-ar01.taylor.mi.michigan.comcast.net (68.86.122.161) 19.892 ms 17.973 ms 15.575 ms
7 50-203-123-54-static.hfc.comcastbusiness.net (50.203.123.54) 19.429 ms 21.840 ms 17.739 ms
8 a23-206-214-50.deploy.static.akamaitechnologies.com (23.206.214.50) 16.533 ms 16.702 ms 15.905 ms
saijoshithakathari@Sais-MacBook-Air ~ % traceroute 23.206.214.50
traceroute to 23.206.214.50 (23.206.214.50), 64 hops max, 52 byte packets
 1 10.0.0.1 (10.0.0.1) 5.959 ms 5.225 ms 4.846 ms
 2 96.120.42.5 (96.120.42.5) 12.701 ms 19.950 ms 15.926 ms
 3 po-301-1209-rur01.dearborn.mi.michigan.comcast.net (96.110.172.121) 11.951 ms 14.998 ms 13.675 ms
 4 po-1-rur02.dearborn.mi.michigan.comcast.net (68.85.223.14) 12.603 ms 12.243 ms 15.431 ms
 5 ae-60-ar01.pontiac.mi.michigan.comcast.net (68.87.190.29) 30.783 ms 30.868 ms 32.085 ms
 6 ae-200-ar01.taylor.mi.michigan.comcast.net (68.86.122.161) 35.196 ms
   ae-100-ar01.taylor.mi.michigan.comcast.net (68.86.122.157) 36.954 ms 23.379 ms
 7 50-203-123-54-static.hfc.comcastbusiness.net (50.203.123.54) 16.343 ms 24.034 ms 16.145 ms
 8 a23-206-214-50.deploy.static.akamaitechnologies.com (23.206.214.50) 16.352 ms 15.379 ms 14.871 ms
saijoshithakathari@Sais-MacBook-Air ~ % traceroute www.atos.com
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traceroute to e172223.b.akamaiedge.net (23.206.214.50), 64 hops max, 52 byte packets
 1 10.0.0.1 (10.0.0.1) 4.853 ms 7.471 ms 4.801 ms
 2 96.120.42.5 (96.120.42.5) 12.621 ms 14.402 ms 14.004 ms
 3 po-301-1209-rur01.dearborn.mi.michigan.comcast.net (96.110.172.121) 15.608 ms 11.637 ms 18.246 ms
 4 po-1-rur02.dearborn.mi.michigan.comcast.net (68.85.223.14) 15.890 ms 32.492 ms 12.484 ms
 5 ae-60-ar01.pontiac.mi.michigan.comcast.net (68.87.190.29) 16.264 ms 23.858 ms 17.954 ms
 6 ae-200-ar01.taylor.mi.michigan.comcast.net (68.86.122.161) 21.668 ms
   ae-100-ar01.taylor.mi.michigan.comcast.net (68.86.122.157) 17.956 ms 15.867 ms
 7 50-203-123-54-static.hfc.comcastbusiness.net (50.203.123.54) 36.056 ms 45.274 ms 45.630 ms
 8 a23-206-214-50.deploy.static.akamaitechnologies.com (23.206.214.50) 17.184 ms 14.309 ms 24.716 ms
saijoshithakathari@Sais-MacBook-Air ~ % traceroute 23.206.214.50
traceroute to 23.206.214.50 (23.206.214.50), 64 hops max, 52 byte packets
 1 10.0.0.1 (10.0.0.1) 13.015 ms 7.033 ms 4.902 ms
 2 96.120.42.5 (96.120.42.5) 14.418 ms 12.227 ms 12.687 ms
 3 po-301-1209-rur01.dearborn.mi.michigan.comcast.net (96.110.172.121) 12.440 ms 12.388 ms 12.411 ms
 4 po-1-rur02.dearborn.mi.michigan.comcast.net (68.85.223.14) 17.118 ms 12.608 ms 11.920 ms
 5 ae-60-ar01.pontiac.mi.michigan.comcast.net (68.87.190.29) 17.624 ms 21.268 ms 18.475 ms
 6 ae-200-ar01.taylor.mi.michigan.comcast.net (68.86.122.161) 19.388 ms
   ae-100-ar01.taylor.mi.michigan.comcast.net (68.86.122.157) 15.999 ms 19.604 ms
 7 50-203-123-54-static.hfc.comcastbusiness.net (50.203.123.54) 139.429 ms 20.087 ms 28.877 ms
 8 a23-206-214-50.deploy.static.akamaitechnologies.com (23.206.214.50) 20.151 ms 16.105 ms 15.292 ms

```

AUTONOMOUS SYSTEM NUMBER OR ISP FOR EACH ROUTER:

```

saijoshithakathari@Sais-MacBook-Air ~ % whois -h whois.arin.net 96.120.42.5
NetRange: 96.64.0.0 - 96.124.255.255
CIDR: 96.64.0.0/11, 96.120.0.0/14, 96.124.0.0/16, 96.112.0.0/13, 96.96.0.0/12
NetName: CABLE-1
NetHandle: NET-96-64-0-0-1
Parent: NET96 (NET-96-0-0-0-0)
NetType: Direct Allocation
OriginAS: AS7922
Organization: Comcast Cable Communications, LLC (CCCS)
RegDate: 2008-02-21
Updated: 2021-01-25
Ref: https://rdap.arin.net/registry/ip/96.64.0.0
OrgName: Comcast Cable Communications, LLC

```

OrgId: CCCS
Address: 1800 Bishops Gate Blvd
City: Mt Laurel
StateProv: NJ
PostalCode: 08054
Country: US
RegDate: 2001-09-18
Updated: 2020-11-18
Ref: <https://rdap.arin.net/registry/entity/CCCS>
OrgTechHandle: IC161-ARIN
OrgTechName: Comcast Cable Communications Inc
OrgTechPhone: +1-856-792-2300
OrgTechEmail: CNIPEO-lp-registration@cable.comcast.com
OrgTechRef: <https://rdap.arin.net/registry/entity/IC161-ARIN>
OrgAbuseHandle: NAPO-ARIN
OrgAbuseName: Network Abuse and Policy Observance
OrgAbusePhone: +1-888-565-4329
OrgAbuseEmail: abuse@comcast.net
OrgAbuseRef: <https://rdap.arin.net/registry/entity/NAPO-ARIN>
OrgRoutingHandle: ROUTI25-ARIN
OrgRoutingName: Routing
OrgRoutingPhone: +1-856-792-2300
OrgRoutingEmail: routing@comcast.com
OrgRoutingRef: <https://rdap.arin.net/registry/entity/ROUTI25-ARIN>
saijoshithakathari@Sais-MacBook-Air ~ %

DAY3

saijoshithakathari@Sais-MacBook-Air ~ % traceroute www.atos.com

traceroute: Warning: www.atos.com has multiple addresses; using 23.206.214.50

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```
1 10.0.0.1 (10.0.0.1) 13.866 ms 5.332 ms 6.133 ms
2 96.120.42.5 (96.120.42.5) 13.729 ms 12.684 ms 12.347 ms
3 po-301-1209-rur01.dearborn.mi.michigan.comcast.net (96.110.172.121) 13.941 ms 16.369 ms 11.868 ms
4 po-1-rur02.dearborn.mi.michigan.comcast.net (68.85.223.14) 13.649 ms 13.228 ms 21.799 ms
5 ae-60-ar01.pontiac.mi.michigan.comcast.net (68.87.190.29) 15.921 ms 26.775 ms 22.453 ms
6 ae-200-ar01.taylor.mi.michigan.comcast.net (68.86.122.161) 19.892 ms 17.973 ms 15.575 ms
7 50-203-123-54-static.hfc.comcastbusiness.net (50.203.123.54) 19.429 ms 21.840 ms 17.739 ms
8 a23-206-214-50.deploy.static.akamaitechnologies.com (23.206.214.50) 16.533 ms 16.702 ms 15.905 ms
```

saijoshithakathari@Sais-MacBook-Air ~ % traceroute 23.206.214.50

traceroute to 23.206.214.50 (23.206.214.50), 64 hops max, 52 byte packets

```
1 10.0.0.1 (10.0.0.1) 5.959 ms 5.225 ms 4.846 ms
2 96.120.42.5 (96.120.42.5) 12.701 ms 19.950 ms 15.926 ms
3 po-301-1209-rur01.dearborn.mi.michigan.comcast.net (96.110.172.121) 11.951 ms 14.998 ms 13.675 ms
4 po-1-rur02.dearborn.mi.michigan.comcast.net (68.85.223.14) 12.603 ms 12.243 ms 15.431 ms
5 ae-60-ar01.pontiac.mi.michigan.comcast.net (68.87.190.29) 30.783 ms 30.868 ms 32.085 ms
6 ae-200-ar01.taylor.mi.michigan.comcast.net (68.86.122.161) 35.196 ms
  ae-100-ar01.taylor.mi.michigan.comcast.net (68.86.122.157) 36.954 ms 23.379 ms
7 50-203-123-54-static.hfc.comcastbusiness.net (50.203.123.54) 16.343 ms 24.034 ms 16.145 ms
8 a23-206-214-50.deploy.static.akamaitechnologies.com (23.206.214.50) 16.352 ms 15.379 ms 14.871 ms
```

saijoshithakathari@Sais-MacBook-Air ~ % traceroute www.atos.com

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```

1 10.0.0.1 (10.0.0.1) 4.853 ms 7.471 ms 4.801 ms
2 96.120.42.5 (96.120.42.5) 12.621 ms 14.402 ms 14.004 ms
3 po-301-1209-rur01.dearborn.mi.michigan.comcast.net (96.110.172.121) 15.608 ms 11.637 ms 18.246 ms
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5 ae-60-ar01.pontiac.mi.michigan.comcast.net (68.87.190.29) 16.264 ms 23.858 ms 17.954 ms
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traceroute to 23.206.214.50 (23.206.214.50), 64 hops max, 52 byte packets
1 10.0.0.1 (10.0.0.1) 13.015 ms 7.033 ms 4.902 ms
2 96.120.42.5 (96.120.42.5) 14.418 ms 12.227 ms 12.687 ms
3 po-301-1209-rur01.dearborn.mi.michigan.comcast.net (96.110.172.121) 12.440 ms 12.388 ms 12.411 ms
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```

AUTONOMOUS SYSTEM NUMBER OR ISP FOR EACH ROUTER:

saijoshithakathari@Sais-MacBook-Air ~ % whois -h whois.arin.net 96.110.172.121

NetRange: 96.64.0.0 - 96.124.255.255

CIDR: 96.124.0.0/16, 96.64.0.0/11, 96.120.0.0/14, 96.112.0.0/13, 96.96.0.0/12

NetName: CABLE-1

NetHandle: NET-96-64-0-0-1

Parent: NET96 (NET-96-0-0-0-0)

NetType: Direct Allocation

OriginAS: AS7922

Organization: Comcast Cable Communications, LLC (CCCS)

RegDate: 2008-02-21

Updated: 2021-01-25

Ref: <https://rdap.arin.net/registry/ip/96.64.0.0>

OrgName: Comcast Cable Communications, LLC

OrgId: CCCS

Address: 1800 Bishops Gate Blvd

City: Mt Laurel

StateProv: NJ

PostalCode: 08054

Country: US

RegDate: 2001-09-18

Updated: 2020-11-18

Ref: <https://rdap.arin.net/registry/entity/CCCS>

OrgTechHandle: IC161-ARIN

OrgTechName: Comcast Cable Communications Inc

OrgTechPhone: +1-856-792-2300

OrgTechEmail: CNIPEO-lp-registration@cable.comcast.com

OrgTechRef: <https://rdap.arin.net/registry/entity/IC161-ARIN>

OrgAbuseHandle: NAPO-ARIN

OrgAbuseName: Network Abuse and Policy Observance

OrgAbusePhone: +1-888-565-4329

OrgAbuseEmail: abuse@comcast.net

OrgAbuseRef: <https://rdap.arin.net/registry/entity/NAPO-ARIN>
OrgRoutingHandle: ROUTI25-ARIN
OrgRoutingName: Routing
OrgRoutingPhone: +1-856-792-2300
OrgRoutingEmail: routing@comcast.com
OrgRoutingRef: <https://rdap.arin.net/registry/entity/ROUTI25-ARIN>
saijoshithakathari@Sais-MacBook-Air ~ %

DAY4

saijoshithakathari@Sais-MacBook-Air ~ % traceroute www.atos.com

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4 po-1-rur02.dearborn.mi.michigan.comcast.net (68.85.223.14) 12.603 ms 12.243 ms 15.431 ms
5 ae-60-ar01.pontiac.mi.michigan.comcast.net (68.87.190.29) 30.783 ms 30.868 ms 32.085 ms
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  ae-100-ar01.taylor.mi.michigan.comcast.net (68.86.122.157) 36.954 ms 23.379 ms
7 50-203-123-54-static.hfc.comcastbusiness.net (50.203.123.54) 16.343 ms 24.034 ms 16.145 ms
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saijoshithakathari@Sais-MacBook-Air ~ % traceroute www.atos.com

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```
1 10.0.0.1 (10.0.0.1) 4.853 ms 7.471 ms 4.801 ms
2 96.120.42.5 (96.120.42.5) 12.621 ms 14.402 ms 14.004 ms
3 po-301-1209-rur01.dearborn.mi.michigan.comcast.net (96.110.172.121) 15.608 ms 11.637 ms 18.246 ms
4 po-1-rur02.dearborn.mi.michigan.comcast.net (68.85.223.14) 15.890 ms 32.492 ms 12.484 ms
5 ae-60-ar01.pontiac.mi.michigan.comcast.net (68.87.190.29) 16.264 ms 23.858 ms 17.954 ms
6 ae-200-ar01.taylor.mi.michigan.comcast.net (68.86.122.161) 21.668 ms
  ae-100-ar01.taylor.mi.michigan.comcast.net (68.86.122.157) 17.956 ms 15.867 ms
7 50-203-123-54-static.hfc.comcastbusiness.net (50.203.123.54) 36.056 ms 45.274 ms 45.630 ms
8 a23-206-214-50.deploy.static.akamaitechnologies.com (23.206.214.50) 17.184 ms 14.309 ms 24.716 ms
```

saijoshithakathari@Sais-MacBook-Air ~ % traceroute 23.206.214.50

traceroute to 23.206.214.50 (23.206.214.50), 64 hops max, 52 byte packets

```
1 10.0.0.1 (10.0.0.1) 13.015 ms 7.033 ms 4.902 ms
2 96.120.42.5 (96.120.42.5) 14.418 ms 12.227 ms 12.687 ms
3 po-301-1209-rur01.dearborn.mi.michigan.comcast.net (96.110.172.121) 12.440 ms 12.388 ms 12.411 ms
4 po-1-rur02.dearborn.mi.michigan.comcast.net (68.85.223.14) 17.118 ms 12.608 ms 11.920 ms
5 ae-60-ar01.pontiac.mi.michigan.comcast.net (68.87.190.29) 17.624 ms 21.268 ms 18.475 ms
6 ae-200-ar01.taylor.mi.michigan.comcast.net (68.86.122.161) 19.388 ms
```

ae-100-ar01.taylor.mi.michigan.comcast.net (68.86.122.157) 15.999 ms 19.604 ms
7 50-203-123-54-static.hfc.comcastbusiness.net (50.203.123.54) 139.429 ms 20.087 ms 28.877 ms
8 a23-206-214-50.deploy.static.akamaitechnologies.com (23.206.214.50) 20.151 ms 16.105 ms 15.292 ms

AUTONOMOUS SYSTEM NUMBER OR ISP FOR EACH ROUTER:

saijoshithakathari@Sais-MacBook-Air ~ % whois -h whois.arin.net 68.86.122.161

NetRange: 68.80.0.0 - 68.87.255.255

CIDR: 68.80.0.0/13

NetName: JUMPSTART-2

NetHandle: NET-68-80-0-0-1

Parent: NET68 (NET-68-0-0-0-0)

NetType: Direct Allocation

OriginAS: AS7922

Organization: Comcast Cable Communications, LLC (CCCS)

RegDate: 2002-01-28

Updated: 2021-01-25

Ref: <https://rdap.arin.net/registry/ip/68.80.0.0>

OrgName: Comcast Cable Communications, LLC

OrgId: CCCS

Address: 1800 Bishops Gate Blvd

City: Mt Laurel

StateProv: NJ

PostalCode: 08054

Country: US

RegDate: 2001-09-18

Updated: 2020-11-18

Ref: <https://rdap.arin.net/registry/entity/CCCS>

OrgAbuseHandle: NAPO-ARIN

OrgAbuseName: Network Abuse and Policy Observance

OrgAbusePhone: +1-888-565-4329

OrgAbuseEmail: abuse@comcast.net

OrgAbuseRef: <https://rdap.arin.net/registry/entity/NAPO-ARIN>

OrgTechHandle: IC161-ARIN

OrgTechName: Comcast Cable Communications Inc

OrgTechPhone: +1-856-792-2300

OrgTechEmail: CNIPEO-lp-registration@cable.comcast.com

OrgTechRef: <https://rdap.arin.net/registry/entity/IC161-ARIN>

OrgRoutingHandle: ROUTI25-ARIN

OrgRoutingName: Routing

OrgRoutingPhone: +1-856-792-2300

OrgRoutingEmail: routing@comcast.com

OrgRoutingRef: <https://rdap.arin.net/registry/entity/ROUTI25-ARIN>

saijoshithakathari@Sais-MacBook-Air ~ %

DAYS

saijoshithakathari@Sais-MacBook-Air ~ % traceroute www.atos.com

traceroute: Warning: www.atos.com has multiple addresses; using 23.206.214.50

traceroute to e172223.b.akamaiedge.net (23.206.214.50), 64 hops max, 52 byte packets

1 10.0.0.1 (10.0.0.1) 13.866 ms 5.332 ms 6.133 ms
2 96.120.42.5 (96.120.42.5) 13.729 ms 12.684 ms 12.347 ms
3 po-301-1209-rur01.dearborn.mi.michigan.comcast.net (96.110.172.121) 13.941 ms 16.369 ms 11.868 ms
4 po-1-rur02.dearborn.mi.michigan.comcast.net (68.85.223.14) 13.649 ms 13.228 ms 21.799 ms
5 ae-60-ar01.pontiac.mi.michigan.comcast.net (68.87.190.29) 15.921 ms 26.775 ms 22.453 ms
6 ae-200-ar01.taylor.mi.michigan.comcast.net (68.86.122.161) 19.892 ms 17.973 ms 15.575 ms

```

7 50-203-123-54-static.hfc.comcastbusiness.net (50.203.123.54) 19.429 ms 21.840 ms 17.739 ms
8 a23-206-214-50.deploy.static.akamaitechnologies.com (23.206.214.50) 16.533 ms 16.702 ms 15.905 ms
saijoshithakathari@Sais-MacBook-Air ~ % traceroute 23.206.214.50
traceroute to 23.206.214.50 (23.206.214.50), 64 hops max, 52 byte packets
1 10.0.0.1 (10.0.0.1) 5.959 ms 5.225 ms 4.846 ms
2 96.120.42.5 (96.120.42.5) 12.701 ms 19.950 ms 15.926 ms
3 po-301-1209-rur01.dearborn.mi.michigan.comcast.net (96.110.172.121) 11.951 ms 14.998 ms 13.675 ms
4 po-1-rur02.dearborn.mi.michigan.comcast.net (68.85.223.14) 12.603 ms 12.243 ms 15.431 ms
5 ae-60-ar01.pontiac.mi.michigan.comcast.net (68.87.190.29) 30.783 ms 30.868 ms 32.085 ms
6 ae-200-ar01.taylor.mi.michigan.comcast.net (68.86.122.161) 35.196 ms
  ae-100-ar01.taylor.mi.michigan.comcast.net (68.86.122.157) 36.954 ms 23.379 ms
7 50-203-123-54-static.hfc.comcastbusiness.net (50.203.123.54) 16.343 ms 24.034 ms 16.145 ms
8 a23-206-214-50.deploy.static.akamaitechnologies.com (23.206.214.50) 16.352 ms 15.379 ms 14.871 ms
saijoshithakathari@Sais-MacBook-Air ~ % traceroute www.atos.com
traceroute: Warning: www.atos.com has multiple addresses; using 23.206.214.50
traceroute to e172223.b.akamaiedge.net (23.206.214.50), 64 hops max, 52 byte packets
1 10.0.0.1 (10.0.0.1) 4.853 ms 7.471 ms 4.801 ms
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4 po-1-rur02.dearborn.mi.michigan.comcast.net (68.85.223.14) 15.890 ms 32.492 ms 12.484 ms
5 ae-60-ar01.pontiac.mi.michigan.comcast.net (68.87.190.29) 16.264 ms 23.858 ms 17.954 ms
6 ae-200-ar01.taylor.mi.michigan.comcast.net (68.86.122.161) 21.668 ms
  ae-100-ar01.taylor.mi.michigan.comcast.net (68.86.122.157) 17.956 ms 15.867 ms
7 50-203-123-54-static.hfc.comcastbusiness.net (50.203.123.54) 36.056 ms 45.274 ms 45.630 ms
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saijoshithakathari@Sais-MacBook-Air ~ % traceroute 23.206.214.50
traceroute to 23.206.214.50 (23.206.214.50), 64 hops max, 52 byte packets
1 10.0.0.1 (10.0.0.1) 13.015 ms 7.033 ms 4.902 ms
2 96.120.42.5 (96.120.42.5) 14.418 ms 12.227 ms 12.687 ms
3 po-301-1209-rur01.dearborn.mi.michigan.comcast.net (96.110.172.121) 12.440 ms 12.388 ms 12.411 ms
4 po-1-rur02.dearborn.mi.michigan.comcast.net (68.85.223.14) 17.118 ms 12.608 ms 11.920 ms
5 ae-60-ar01.pontiac.mi.michigan.comcast.net (68.87.190.29) 17.624 ms 21.268 ms 18.475 ms
6 ae-200-ar01.taylor.mi.michigan.comcast.net (68.86.122.161) 19.388 ms
  ae-100-ar01.taylor.mi.michigan.comcast.net (68.86.122.157) 15.999 ms 19.604 ms
7 50-203-123-54-static.hfc.comcastbusiness.net (50.203.123.54) 139.429 ms 20.087 ms 28.877 ms
8 a23-206-214-50.deploy.static.akamaitechnologies.com (23.206.214.50) 20.151 ms 16.105 ms 15.292 ms

```

AUTONOMOUS SYSTEM NUMBER OR ISP FOR EACH ROUTER:

```
saijoshithakathari@Sais-MacBook-Air ~ % whois -h whois.arin.net 68.85.223.14
```

```
NetRange: 68.80.0.0 - 68.87.255.255
```

```
CIDR: 68.80.0.0/13
```

```
NetName: JUMPSTART-2
```

```
NetHandle: NET-68-80-0-0-1
```

```
Parent: NET68 (NET-68-0-0-0-0)
```

```
NetType: Direct Allocation
```

```
OriginAS: AS7922
```

```
Organization: Comcast Cable Communications, LLC (CCCS)
```

```
RegDate: 2002-01-28
```

```
Updated: 2021-01-25
```

```
Ref: https://rdap.arin.net/registry/ip/68.80.0.0
```

```
OrgName: Comcast Cable Communications, LLC
```


OrgId: CCCS
Address: 1800 Bishops Gate Blvd
City: Mt Laurel
StateProv: NJ
PostalCode: 08054
Country: US
RegDate: 2001-09-18
Updated: 2020-11-18
Ref: <https://rdap.arin.net/registry/entity/CCCS>
OrgTechHandle: IC161-ARIN
OrgTechName: Comcast Cable Communications Inc
OrgTechPhone: +1-856-792-2300
OrgTechEmail: CNIPEO-lp-registration@comcast.com
OrgTechRef: <https://rdap.arin.net/registry/entity/IC161-ARIN>
OrgRoutingHandle: ROUTI25-ARIN
OrgRoutingName: Routing
OrgRoutingPhone: +1-856-792-2300
OrgRoutingEmail: routing@comcast.com
OrgRoutingRef: <https://rdap.arin.net/registry/entity/ROUTI25-ARIN>
OrgAbuseHandle: NAPO-ARIN
OrgAbuseName: Network Abuse and Policy Observance
OrgAbusePhone: +1-888-565-4329
OrgAbuseEmail: abuse@comcast.net
OrgAbuseRef: <https://rdap.arin.net/registry/entity/NAPO-ARIN>
saijoshithakathari@Sais-MacBook-Air ~ %