

WMO IPv6 questionnaire

In order to know what is the situation regarding the awareness and the adoption of IPv6, this questionnaire has been prepared.

We plan to collect answers on a yearly basis to establish if and how, in the coming years, IPv6 will be more widespread among WMO members.

*** 1. Please enter your name.**

*** 2. Please enter the name of your organisation.**

*** 3. Please enter your country name.**

*** 4. Please enter the WMO Regional Association of your country**

- I
- II
- III
- IV
- V
- VI

IPv6 Awareness

5. Is your organisation aware that IPv6 is becoming the new addressing scheme for IP based applications worldwide?

- Yes
- No

6. How closely is your organisation monitoring the development and growing implementation of IPv6 addresses?

- Regularly
- Occasionally
- Rarely
- Not at all

7. Rate your organisation's overall IPv6 knowledge.

- Expert
- Advanced
- Basic
- None

8. How familiar is your organisation with the concept of IPv6 addresses (link local, unique local, global, anycast, multicast)?

- Expert
- Advanced
- Basic
- Not at all

9. What percentage of IT staff in your organisation have attended informational workshops or IPv6 training sessions already?

- Less than 10%
- Between 10% and 25%
- Between 25 and 50%
- More than 50%

10. How familiar is your organisation with IPv6 routing protocols?

- Expert
- Advanced
- Basic
- Not at all

11. How familiar is your organisation with the security concepts of IPv6?

- Expert
- Advanced
- Basic
- Not at all

12. Is your organisation planning to gradually implement IPv6 in its network?

- Yes
- No
- Don't know

13. Does your organisation have a plan about where in its network it wants to implement IPv6 (core, edge, DMZ, Internet, ...)?

- Yes
- No
- Don't know

Please add some additional information

14. Does your organisation have a list of network devices that will be affected when implementing IPv6 in its network?

- Yes
- No
- Don't know

Please add some additional information

15. Does your organisation have a list of software applications which will be using IPv6?

- Yes
- No
- Don't know

Please add some additional information

16. Does your organisation have a timeline for implementing IPv6 in your network?

- Yes
- No

Please add some additional information

17. Does your organisation have a timeline for setting up IPv6 applications?

- Yes
- No

Please add some additional information

18. Has your organisation decided which IP stack it will be using during the transition to IPv6 (dual stack, tunnel, translation)?

- Yes
- No
- Don't know

Please add some additional information

19. Will your organisation be using an IPv6 routing protocol?

- Yes
- No
- Don't know

Please note which protocol(s)

20. Does your organisation have a dedicated team for the IPv6 activities?

- Yes
- No

Please add some additional information

21. Has your organisation developed an IPv6 training strategy and plan?

- Yes
- No

Please add some additional information

22. Are there external conditions that require the transition to IPv6 (Governmental decision...) in your organisation?

- Yes
- No
- Don't know

Please add some additional information

IPv6 Readiness

23. What percentage of the network equipment installed at your organisation that will be affected by the transition to IPv6 support that protocol?

- Don't know
- Less than 10%
- Between 10% and 25%
- Between 25% and 50%
- More than 50% but not all of them
- 100%

24. What percentage of your organisation's software support IPv6, especially those which are needed to support WIS?

- Don't know
- Less than 10%
- Between 10% and 25%
- Between 25% and 50%
- More than 50% but not all of them
- 100%

25. If either your network or your applications are not fully ready for IPv6, does your organisation have a plan and a budget for the required equipment/features?

- Yes
- No
- Don't know

26. Are your organisation's network providers able to offer IPv6 connectivity to your site?

- Yes, I have asked, it is possible
- I have asked, but it is not possible
- We haven't asked yet

Comments

27. Has your organisation already decided what kind of IPv6 addresses it is going to use?

- Provider-aggregatable address space (Change of ISP means change of IPv6)
- Provider-independent address space (Keep IPv6 if different ISP)
- Don't know

28. Have you already an official IPv6 address space allocated to your organisation?

- Yes
- No
- Don't know

If yes, please give it below

IPv6 Basic applications

29. Does your organisation have DNSv6 servers up and running?

- Yes
- No
- Don't know

Other (please specify)

30. Does your organisation have NTPv6 servers up and running?

- Yes
- No
- Don't know

Other (please specify)

31. Does your organisation have DHCPv6 servers up and running?

- Yes
- No
- Don't know

Other (please specify)

32. Does your organisation have firewalls that support IPv6?

- Yes
- No
- Don't know

Other (please specify)

33. Does your organisation have other security devices which support IPv6?

- Yes
- No
- Don't know

Please provide additional details

34. Does your organisation have a network management system that supports IPv6?

- Yes
- No
- Don't know

Other (please specify)

35. If you don't have the above mentioned services yet, does your organisation plan to set them up?

- Yes, in the next 6 months
- Yes, in the next 12 months
- Yes, but I don't yet when yet
- No

IPv6 Security

36. Is your organisation aware that security considerations are as necessary with IPv6 as they are with IPv4?

- Yes
- No

37. Is your organisation aware that there are new security risks when implementing IPv6?

- Yes
- No

38. Is your organisation planning to use IPSec when implementing IPv6?

- Yes, go to next question
- No, skip next question
- Don't know

39. If your organisation is planning to use IPSEC, is it aware of the implications of using IPv6 end-to-end?

- Yes
- Partly
- No

40. If your organisation is not planning to use IPSEC, will it be evaluating the risks with IPv6, and set up appropriate security configurations?

- Yes
- No
- Don't know

41. Has your organisation developed an IPv6 security policy, at least for the network devices?

- Yes
- No, not yet
- No, we don't need one

42. Does your organisation already have some experience with IPv6 applications? (eg. Mobile phone applications, Microsoft products, ...)

- Yes
- No

Please provide some additional information

43. If your organisation already has allocated IPv6 address space, has it been configured it in (parts) of your network already?

- Yes
- No

Please provide some additional information

44. Has your organisation set up an IPv6 test bed already?

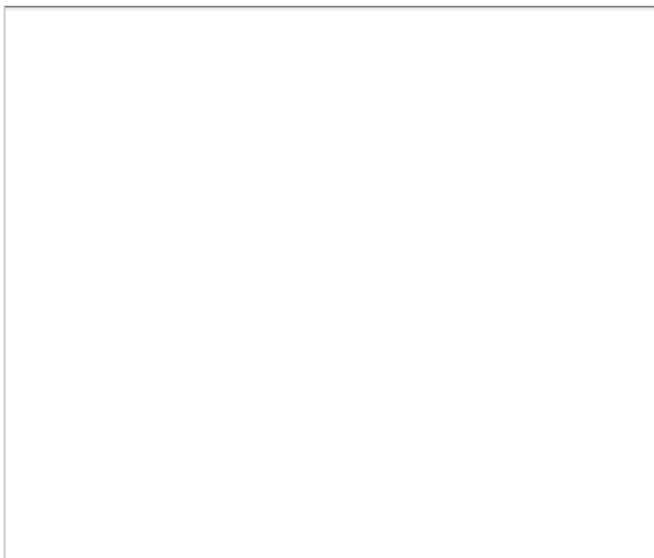
- Yes
- No

Please provide some additional information

IPv6 Training

45. On which IPv6 topics your organisation need additional information or training?

46. How is your organisation planning to get this information or training?



47. For your organisation, which topics regarding the transition to IPv6 in WIS Centres should be addressed in a dedicated IPv6 WMO workshop?

Please provide a list of topics.

