ArcaOS Update

5.0.4 and 5.1 Roadmaps

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ArcaOS 5.0.4
ArcaOS 5.0.4

- In beta now
ArcaOS 5.0.4

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- Focal points:
ArcaOS 5.0.4

- In beta now
- Focal points:
  - Installer
ArcaOS 5.0.4

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• Focal points:
  • Installer
  • Samba client update
ArcaOS 5.0.4

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  - Installer
  - Samba client update
  - Minor bug fixes to included content (FAT32, utilities, etc.)
ArcaOS 5.0.4

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• Focal points:
  • Installer
  • Samba client update
  • Minor bug fixes to included content (FAT32, utilities, etc.)
  • Printer driver updates
ArcaOS 5.0.4

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  • Installer
  • Samba client update
  • Minor bug fixes to included content (FAT32, utilities, etc.)
  • Printer driver updates
  • Update utility
ArcaOS 5.0.4

- In beta now
- Focal points:
  - Installer
  - Samba client update
  - Minor bug fixes to included content (FAT32, utilities, etc.)
  - Printer driver updates
  - Update utility
- English (US) only
Installer Changes
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• Better support for booting on systems with unusual memory configurations
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- Volume Selections page should handle dirty volumes more gracefully (no empty dropdowns)
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- Volume Selections page should handle dirty volumes more gracefully (no empty dropdowns)
- Better validation of CONFIG.SYS to ensure a clean final boot
- Updated tools
Samba Update
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- Samba 4.9 client will replace the 4.4 client and the older 3.6 client components
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• Samba 4.4 is no longer supported upstream
ANPM / YUM/RPM Updates
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• Latest ANPM (1.0.4 now in beta)
ANPM / YUM/RPM Updates

• Latest ANPM (1.0.4 now in beta)
• Latest (recent or nearly so) updates to RPM packages (less updating after system install)
Updating
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- 5.0.4 planned to include first update utility
Updating

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- Insert DVD, stick, or mount ISO, and update
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- Insert DVD, stick, or mount ISO, and update
- Most updated content should be available as subscription download for individual installation, as well
Forward-looking Statements

- Discussion of ArcaOS 5.1 features, behavior, content, and localization includes forward-looking statements. Arca Noae makes no promises as to availability, inclusion, or function of any of these changes. In short, these are all plans, subject to change at any time for any reason.
ArcaOS 5.1
ArcaOS 5.1

• Focal points:
ArcaOS 5.1

• Focal points:
  • Localization (NLV editions)
ArcaOS 5.1

• Focal points:
  • Localization (NLV editions)
  • Upgrade ArcaOS 5.0.x in place to 5.1
ArcaOS 5.1

• Focal points:
  • Localization (NLV editions)
  • Upgrade ArcaOS 5.0.x in place to 5.1
  • Migrate from Warp 4, MCP, MCP2, eCS in place
ArcaOS 5.1

• Focal points:
  • Localization (NLV editions)
  • Upgrade ArcaOS 5.0.x in place to 5.1
  • Migrate from Warp 4, MCP, MCP2, eCS in place
  • New focused selective installation utilities (Multimedia Features, Video, Locale)
ArcaOS 5.1

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  • Localization (NLV editions)
  • Upgrade ArcaOS 5.0.x in place to 5.1
  • Migrate from Warp 4, MCP, MCP2, eCS in place
  • New focused selective installation utilities (Multimedia Features, Video, Locale)
  • New utility and productivity apps
Installer Changes
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• Localized installation; create a bootable German ArcaOS 5.1 USB stick, boot to German, access the preboot menu in German, install in German
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- Official, binding license remains in English
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- Software selections will be expanded for new offerings
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- Software selections will be expanded for new offerings
- Installer remains relatively unchanged in layout and function from 5.0.4
Upgrade vs Migration
Upgrade vs Migration

- Upgrade: Boot from ArcaOS 5.1 USB stick or DVD, select existing ArcaOS 5.0.x installation to upgrade, everything remains in place, with no need to reformat
Upgrade vs Migration

- Migration: Boot from ArcaOS 5.1 USB stick or DVD, select existing Warp 4, MCP, MCP2, or eCS (1.x or 2.x) installation to upgrade, new content is added, existing content is moved/archived, with no need to reformat (assuming boot volume is LVM'd HPFS or JFS)
Localization
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• Several languages under consideration, including those for which no MCP version was ever made available
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- ISO / USB stick pkg will be single language
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- Several factors affect priority of languages released (German likely first)
- ISO / USB stick pkg will be single language
- Third-party content is biggest hurdle to releasing new NLVs - TRANSLATORS NEEDED
Content
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- Gotcha! for quick screenshots (possibly available during installation, too)
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- Data Transfer Agent (DTA) for Win16 audio
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• Warp 4 Selective Install to be removed (FINALLY!)
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- Individual, single-purpose tools for changing/installing various components
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- Data Transfer Agent (DTA) for Win16 audio
- Warp 4 Selective Install to be removed (FINALLY!)
- Individual, single-purpose tools for changing/installing various components
- More text editor options and other small productivity tools to be added
Ongoing Development
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• Device driver enhancements (USB 3, WLAN, AHCI, MultiMac, etc.)
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- ACPI maintenance
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- SNAP modernization/update (new chips)
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- ACPI maintenance
- New audio driver
- SNAP modernization/update (new chips)
- Better foreign mass storage device handling (USB sticks from other systems)
Research Projects
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- UEFI booting - several options/approaches
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- GPT support
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- SNAP enhancements for higher resolutions, etc.
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- GPT support
- SNAP enhancements for higher resolutions, etc.
- Better memory management
Overall Business

- Arca Noae is...
  - seeking more consulting opportunities
  - investigating the rescue of mature software (VX-REXX, for example)
  - seeking more worldwide distribution channels