



IPBrick v6.3 Release Notes

Main features and improvements:

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CAFE Improvements:

- Upgrades CAFE to version 2.6;
- New UCoIP Bar layout;
- Adds a Webphone on the UCoIP Bar which can be used to make and receive calls;
- Adds the possibility for each user to manage their external contacts;
- Drag&drop on the chat window;
- Poll improvements: it's now possible to add images and links for images;
- Groups can have their own News and Polls;
- User's job and description are displayed in the UCoIPBar;
- Adds support for hashtags (keyword preceded by the symbol "#" which stays associated to a post or comment);
- Adds the possibility to search by hashtags (in the search box it's possible to search for posts with a specific hashtag);
- Adds the possibility to use Emojis on news;
- Improvements in the notification emails;
- Adds support to configure a footer with text/image;
- Improves the usability and reliability of the chat window;
- The notification email layout has been restructured to be correctly rendered in all e-mail clients, including Outlook;
- Adds support for a new IPBrick Authentication mode: "IPBrick Master with AD Pass-Through Authentication";
- Improvements on the VideoCall functionality (WEBRTC);
- Improvements on security;
- The users that are online appear at the top of the list of users (UCoIP bar);
- Possibility to configure a moderator for posts and comments. If this feature is enabled (optional), posts and comments will only be visible after being approved by the moderator;
- Define with which groups a user can communicate in the UCoIP bar;
- Publish Youtube videos (support of several formats);

- Mobile layout and rendering improvements, in order to make the interface more user-friendly;
- Reorganization of the "administration" and "profile" areas, on the configuration interface;
- Adds a button to enable/disable the "Auto Reply Message";
- Allows the users to add emotions to the news.
- Adds support to post for multiple groups;
- Adds support for Chat History;
- Allows to set the "cover photo" for the albums;
- Gives access to all shared folders from "My Files" menu;
- Optimization of the algorithm to search by hashtags;
- Adds support for Call Transfer and DTMFs in CAFE Phone;
- Allows to search by contacts on the CAFE Phone display;
- Possibility of changing the image / video of a post;
- Optimization of the UCoIP Bar presences detection;
- Adds a new Calendar module;
- Adds auto-complete of hashtags in posts and comments;
- Adds support for file transfer through the chat of CAFE;
- Adds support for Emojis in the chat of CAFE;
- Adds support for a new language: "French (Canada)";
- Optimization of the navigation page, the UCoIP Bar and the chat history, in order to make them faster;
- Adds support to open PDFs, shared by iPortalDoc, in its own page, without forcing the download of the file;
- Adds the possibility to search in the chat history by calls performed through the UCoIP page.

UCoIP Page Improvements:

- Upgrades UCoIP Page to version 2.1;
- Adds a new layout for the UCoIP page;
- Adds a new layout for the Email notifications of the Video Calls;
- Adds support for Active Directory authentication (IPBrick is configured in AD Member authentication mode);
- Improves the invitation email layout when receiving video conference requests;
- Improves the video conference behaviour where now every user can add new participants to the conferences;
- Screen sharing improvements in order to support new browsers versions;
- The Video Call notification email layout has been restructured to be correctly rendered in all e-mail clients, including outlook;
- Adds support for WebPhone communication when it is located behind a NAT/Firewall;

- Improves the layout of the Video Conference page to make the interface more user-friendly;
- Plays a beep when starting a video call;
- New option to invite people for a videoconference by email;
- Improves email invitation layout for videoconference;
- Adds support for real time detection of the person who is speaking in the videoconference;
- Upgrades WebRTC2SIP to version 1.7.

Groupware Improvements:

- Upgrades Groupware for IPBrick to version 3.2.1;
- The information on the user quota is now correctly displayed;
- Improvements in configurations when IPBrick is configured in AD Member authentication mode;
- Adds an option to place the email user alias visible in the "IPBrick Users" Address Book;
- Adds a new feature to show more information when moving the mouse over an event;
- By default, the hour of the event is shown in the month view;
- Automatic sharing of a user's calendar with all members of a group (if admin creates a group with the same name of an existing LDAP Group, the two groups will be treated as the same group);
- Reformulation of the calendar of Thunderbird plug-in;
- Possibility to select a type of event that automatically triggers an action in iPortalDoc;
- Adds a new field with information about an event to the printing feature;
- New option on IPBrick's web interface for centralized and dynamic email signature;
- The cache of the Groupware files has now a retention period of 15 days;
- Updates portuguese translations.

E-Mail Improvements:

- Adds a new POP and IMAP Server, based on Dovecot 2.2.13, which is faster and more secure;
- Adds support to Public folders on the IMAP Server. The configuration is available on "Groupware » E-Mail » POP/IMAP Server";
- Adds new configuration options to the POP/IMAP Server;
- The services POP, POPS, IMAP and IMAPS were replaced by a single service: POP/IMAP server; The configuration of SSL services is now available on "Groupware » E-Mail » POP/IMAP Server";

- Adds support for E-mail AutoConfiguration using Autoconfiguration and Autodiscover methods. With this new feature, all E-Mail Clients on the LAN and on the Internet may automatically find the E-mail servers (SMTP and IMAP), without having to perform any manual configurations. This new option is available on "Groupware » E-Mail » Client Auto-Configuration";
- Adds the possibility to define different SMTP/IMAP Servers depending on the E-mail Client networks;
- The default value of "Maximum time to hold the message in the server" was updated to 1 day;
- Improves e-mail filters, which add better support for Mail Archiving.

VoIP improvements:

- Adds support to SIP trunks over TCP (required for Skype for Business integration);
- Adds a new sub-menu "Telephony » Session Border Controller" to centralize SBC features;
- Adds auto provisioning support for the models: Cisco 7905g, Cisco 7911G, Cisco 7912G, Cisco 7937G and Cisco 7942G;
- Improves auto provisioning support for the models: Polycom soundpoint 300 ip, Snom 300, Snom 360 and Snom 715;
- Improves the detection of Denial of Service (DoS) attacks on internal networks;
- Adds a new option to DISA, that allows to configure the Caller ID;
- Adds a new option that allows to configure High Resolution Time on the fields billsec and duration, in the CSV file (Master.csv) of the records of the stored calls details;
- Adds a new option that allows call screening;
- Adds a new option that allows to block SIP DDIs with custom SIP messages (SIP Blacklisting);
- Adds a new page for IVR calls statistics (IVR surveys). This page presents features such as search for IVR calls, check the options dialled and export these records to CSV;
- Adds an option to timeout the agents' sessions. This timeout can be global or personalized by agent;
- The management of agents' sessions was improved for users, considering their access classes;
- Adds an option to the user call using PIN#destination_number, even when the agents have passwords;
- Adds an option to configure the separator (#) for calls using PIN#destination_number;
- Support for BRI and PRI Telephony Cards was improved for better performance;
- Adds support for BRI and PRI telephony cards ALLO 2nd/3rd generation;
- Adds support to monitor and login an agent with the same BLF;

- Adds a new option "Allow global access by telephone" on voicemail which allows to enable/disable the access to phones, users, groups and attendance sequences;
- Adds the possibility to define IPs on "VoIP domain alias";
- Adds auto-provisioning support for the Grandstream models: GXP2135 and GXP2170;
- Adds auto-provisioning support for the model: Alcatel-Lucent IP Touch 4008 EE;
- The messages of the Audio Repository are now available in all compatible audio formats for better performance;
- Performance improvements on the navigation pages of VoIP call statistics and also when exporting the statistics to a .csv file;
- Improvements on the click2dial webservice that allow to define a phone as call origin;
- VoIP call statistics improvements: adds new filter (for dates and hours) and advanced filters for the fields "Source Address" and "Destination Address".
- Adds auto-provisioning support for the Snom models: 710, 720, D710 and D725.

VPN Improvements:

- Adds support to VPN SSL Lan-to-Lan;
- Adds a new option to create certificates for VPN SSL Lan-to-Lan. This option is available on "Security » VPN » SSL » VPN SSL".

Contacts Improvements:

- Upgrades Contacts to version 5.0.4;
- Adds all countries by default;
- In the functionality of importing Entities or Contacts via a .csv file on Contacts, it is now possible to qualify the field you wish to import as belonging to a Contact or an Entity;
- Webservices improvements: adds new functions to configure access permissions for entities.

Proxy Improvements:

- Adds a new option on proxy that allows to configure a list of IP addresses from the LAN, that can surf on the internet without needing authentication. This option is only available when the proxy service is configured with authentication;
- Adds support to configure access policies on "Remote Proxy". These access policies are applied based on the domain of the URLs;
- Adds the possibility to configure top level domains (TLD) on the Blacklists and Whitelists of the Proxy.

Web Server Improvements:

- Adds a new web interface to manage the hosted sites;
- Adds a new option that allows to enable/disable the websites;
- The option to configure ACLs it's also available for the default websites;
- Adds a new option to configure the "Maximum number of client connections". This new option is available on "Advanced Configurations » Support Services » Web Server".

Antivirus Improvements:

- Upgrades ClamAV to version 0.99.2;
- Adds a new option to configure the blocking of dangerous attachments;
- Adds support to block attachments, based on file extension and Content Type;
- Authentication Improvements:
 - Adds support for two new Authentication types: "IPBrick Master with AD Pass-Through Authentication" and "IPBrick Slave with AD Pass-Through Authentication". It's also possible to configure multiple AD servers;
 - Adds the option to manually synchronize Users and Groups from the Active Directory. By default, the automatic synchronization is done every day at 2 A.M.;
 - Adds the possibility to define filters for "Users search base DN" and "Groups search base DN".

Radius Server Improvements:

- Adds support for IPBrick Radius Server version 1.1 (based on freeradius 2.1.12);
- Adds a new interface to configure the Radius Server, available on "Support Services » Radius Server".

SMS Improvements:

- Updates EZ4U SMS integration module;
- Adds the possibility to configure the "Server address" for the SMS routes on the EZ4U module.

Other Improvements:

- Adds support to install IPBrick with Logical Volume Manager (LVM);
- Adds supports for new hardware;
- Adds new kernel version 3.16.0-0.bpo.4-amd64;
- The Browsing History of the Proxy Monitoring has now a default retention period of 90 days;
- Adds a new interface to configure the NTP Server, available on "Support Services » NTP Server";

- Adds a protection, on Disaster Recovery of Configurations, to avoid replacing IPBrick configurations on a hardware with insufficient number of network interface cards;
- Now it's also possible to backup and restore the "dbdoc" Database through IPBrick's interface, on "Advanced Configurations » Disaster recovery » Applications » Databases";
- Performance tuning on PostgreSQL Database;
- Updates the SOA values for each DNS Domain Zone, according to the RIPE recommendations;
- The Certificate Signing Request(CSR) for SSL Certificates is now generated with a more secure cryptographic hash algorithm, SHA-2;
- Adds a new option "Description" on Firewall rules of the type "General". With this new field it's possible to add some comments on each firewall rule;
- Adds support for DNS wildcard. This new option is available only for DNS Machines and Aliases;
- Improves the web interface to configure the IPBrick Management Center;
- Webservices improvements: adds new functions to manage the DNS records type A;
- Adds a new option that allows to configure the MTU for each network card;
- Improves the web interface to manage Users of the Database Server;
- SSH service security improvements;
- Webservices improvements: integration with the CRM of iPortalDoc.