

Things to do when you are in control over your DNS services



AscioDNS



ascio

With AscioDNS you will be able to provide your customers new and differentiated service offerings.

WHAT IS DNS?

PowerDNS is a modern, advanced, high performance authoritative-only name server. PowerDNS is used by many of the larger corporations in the world and can handle as many as 50,000 queries per second. Other DNS management systems today are slow due to the fact that they need to reload after each change. The advantage of PowerDNS is that it is a name server based on a database. This means that it works faster because it does not need to reload after every change made.

Having thousands of domains under administration is a daily challenge for many domain businesses. The upfront and ongoing costs of operation and maintenance of a secure DNS network as well as a server structure for web and mail forwarding can be problematic, especially for smaller companies. Maintenance of multiple physical sites, an array of servers, technical support, software, etc., has a high breakeven point. Finally, updating and maintaining such a system requires

highly specialised expertise, which is often unavailable in the market.

To solve this problem, we have developed AscioDNS, an integrated solution for DNS hosting, domain registrations and mail/web forwarding.

ASCIODNS

AscioDNS is a powerful management tool, which gives full control over DNS configuration and related services through a web interface. It is an integrated solution for DNS hosting, domain registration and mail/web forwarding. The ease of use, speed and customization features enables you to develop new and more differentiated service offerings for your customers as well as greatly improve the performance of your existing customers.

Why should you choose AscioDNS?

AscioDNS offers a range of services that would require at least five servers, software licences, two physical locations and a squad of world-class technicians to set up and maintain. Based on our in-depth knowledge and the expertise of our technicians, we have been able to develop a user-friendly AscioDNS, which offers better service quality, higher reliability and continuously updated software and

security. With AscioDNS you can make changes to sub-domains available within 60 seconds, allowing you to fulfil your customers needs immediately.

ASCIODNS' FEATURES

AscioDNS' Administration Module

AscioDNS allows you to perform real-time creation and modification of sub-domains, e.g., product.company.com, in only a few seconds, and the change can be seen instantly. With AscioDNS you do not have to contact your DNS administrator in order to create sub-domains. With AscioDNS it is now possible to create sub-domains through the web interface and make the sub-domain active while speaking to your customer over the phone.

AscioDNS offers a web interface to all

domain, web and mail management features. The optional end-user interface provides administrator rights to the end customer, but you retain control over the entire domain portfolio. And of course, you will still be able to control customer relationships and billing activities.

AscioDNS' Web Forwarding Server

With AscioDNS web forwarding server you can redirect web traffic from one domain to another. An example might be if you want to redirect www.brand.com to www.company.com/brand. In addition, you

can enable aliases. Aliases forward the user from e.g., www.brand.com to www.company.com/brand, but at the same time leave the former address in the browser's address bar.

AscioDNS' Mail Forwarding Server

With AscioDNS mail forwarding server it is possible to create mail forwards. An example mail forward could be: sales@brand.com, which forwards all mail to person@company.com instead.

AscioDNS is developed to work seamlessly with AscioNIC.

ASCIODNS FROM A TECHNOLOGICAL POINT OF VIEW

AscioDNS is based on a global high-bandwidth, low latency DNS network. The network has hosts around the globe and is connected on a number of subnets.

AscioDNS consists of the following components:

DNS Administration Module

A real-time database system which is used to manage zone-file information. The administrator can control the settings for MX-records, sub-domains and time-to-live (TTL). Updates to this information no longer have to await reload of zone files and will take effect immediately.

All AscioDNS name servers in the network are updated at the same time.

Changes to IP addresses for existing sub-domains will take effect at the expiration of the TTL period on caching name servers.

The default TTL is 60 seconds.

Ascio Mail Forwarding Server

An integrated mail-forwarding server, which allows creation and maintenance of mail forwards such as sales@company.com. The number of mail forwards can be adjusted according to need. A default mail setting can also be specified for mail to the domain, which does not point to a specific recipient. The integration in AscioDNS makes the mail-forwarding server easy to use, but the administrator can of course specify the mail server of the client in the MX record as needed.

Ascio Web Forwarding Server

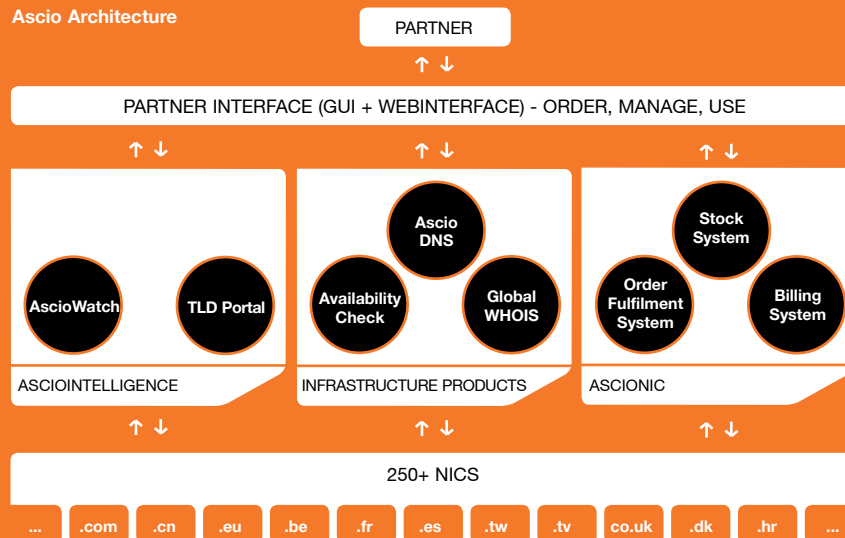
An integrated web-forwarding server, which gives access to several highly useful services. Normal URL forwarding is particularly useful if the end customer has performed a number of defensive registrations, but wants all web traffic channelled through a corporate website. The web-forwarding server also provides

“cloaked URL“ forwarding, also known as aliasing. This feature is particularly useful if the end user has secured a catchy domain name but needs to use a web host that does not permit the use of an individual domain.

AscioNIC

A common registration interface to Ascio, which allows processing more than 250 TLDs from a single easy to integrate registration template. AscioNIC always offers the newest TLDs, including recently introduced .asia and .me. AscioNIC simultaneously makes preparation for zone file creation and requests the domain from the NIC in order to meet national NIC requirements. Domain changes are also handled through AscioNIC. AscioDNS is developed to work seamlessly with AscioNIC.

Ascio Architecture



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ABOUT ASCIO

Ascio is part of Group NBT plc., the leading UK Domain Name Management Company. Founded in 1999 Ascio currently has a total of more than one million domains under management and employs 275 people in offices in Copenhagen, New York, London, Vienna, Nice, Madrid, Zurich, Oslo and Munich. Ascio is responsible for the provision of Domain Portfolio Management services indirectly through more than 300 partnerships. These partners primarily include telecom operators; web hosting companies, Internet access providers and IP law firms.