

1: Best Computer Reviews – Consumer Reports

*Every Family's Guide to Computers [Winston Steward] on www.enganchecubano.com *FREE* shipping on qualifying offers. Tells how computers work, explains basic terms, and discusses software selection, saving and editing files.*

The top Macs come in every shape and size in They cover everything from high-resolution mobile workhorses, like the MacBook Pro and its Touch Bar, to stationary behemoths, like the iMac Pro – which is the most powerful Mac on the planet with its Intel Xeon processor. So, we decided to put together a list of the best Macs – MacBooks, iMacs and more. Just as long as you have the cash to bankroll it. Read the full review: MacBook Pro inch, Mid 2. Dual-core Intel Core i5 – quad-core i7 Graphics: The latest Apple iMac is a perfect example of this. Apple iMac 3. Quad-core Intel Core i5 – i7 Graphics: Luckily, the MacBook Pro changes everything, and is more powerful than ever before. Dual-core Intel Core m3 – Core m7 Graphics: Apple MacBook 6. Dual-core Intel Core i5 Graphics: We just wish that these were full-fat U-series quad core chips, rather than the Y-series dual-core fanless processors. MacBook Air 7. Dual-core Intel Core i5 – Core i7 Graphics: Luckily, the Intel CPU inside allows it to be used for heavier tasks and Apple has brought the low-end model up to a decent spec. Mac mini Gabe Carey has also contributed to this article Tech deals, prizes and latest news Get the best tech deals, reviews, product advice, competitions, unmissable tech news and more! No spam, we promise.

2: Entire guide to Computer Network Security – Jetking Amp & Dsnr

Auto Suggestions are available once you type at least 3 letters. Use up arrow (for mozilla firefox browser alt+up arrow) and down arrow (for mozilla firefox browser alt+down arrow) to review and enter to select.

This article is over 4 years old Children do love games – but should they be playing them, and if they do, what sort? These noisy yet seemingly seductive things are on computers, on smartphones and tablets, and on expensive consoles that your kids will tell you everyone else has. Even if you never intend to play a game in your life, you should probably know about them – if only to understand what it is that drags other people in. How does the games industry work? There are three different sectors to the market: With the advent of broadband internet, however, many games are downloaded straight to the PC, console, tablet or smartphone. These are called micro-transactions and are very common on smartphone and tablet games. Who are the big companies? Most boxed games are produced by large multinational publishing companies. The console manufacturers Microsoft, Sony and Nintendo, and the major "third-party" publishers, Activision Blizzard, Electronic Arts and Ubisoft, are the traditional giants of the industry. These companies have their own in-house development teams designing games, but they also publish the games developed by smaller independent studios. After these come several Japanese publishers – Sega, Square Enix, Konami and Capcom – which used to dominate the industry, but have struggled with the decline of amusement arcades. In the era of digital distribution, more and more smaller companies are "self-publishing" which means they create the games, then sell them via online stores like Steam on PC or the Apple or Google App Stores. The UK has more than development studios all over the country, many of them now self-publish in this way. There are also many huge new publishing companies specialising in mobile games and massively multiplayer online games. King, for example, is the successful publisher of smartphone hit Candy Crush Saga and many other casual titles. Meanwhile, the Chinese investment company Tencent is quickly becoming one of the biggest forces in gaming through its mobile and MMORPG massively multiplayer online role-playing titles. China is one of the key emerging forces in the global games industry. Apple and Google run the app stores on their respective phones, while television manufacturers like Samsung are now including app stores on their internet-connected TVs. Furthermore, internet and television service providers like Sky and Virgin Media are keen to entice gamers who tend to pay for higher download and upload speeds. Where are games made? All over the world. UK does not have any major publishers anymore, but it does have some extremely successful developers. Scandinavia has also become a major game producing area, while India, Eastern Europe and South America have emerging game development industries. How big is the games industry? So the games industry is bigger than cinema and music put together. When is it OK for children to start playing video games? This is a controversial subject and academic researchers are only just starting to explore the effects of screened entertainment on very young children. Several studies published in the last decade has suggested that screen time before the age of two can affect language development. There have also been links to the later development of ADHD in children who were exposed to screened entertainment before the age of three. In , psychologist Dr Aric Sigman advised that children under the age of three should not be exposed to any form of screen entertainment. More research is needed, though. Can games be educational to children over three? After the age of three, there is evidence that educational tablet and smartphone games can help children with numeracy and literacy. Numerous computer and tablet games are now regularly used in education. Sites like SumDog , BugClub and Mathletics are integrated into learning programmes, allowing teachers to monitor the reading and maths skills of students. The game give pupils points for successful tasks, incentivising development. For older children, there are plenty of games with creative and educational value. The most obvious example is the building simulator Minecraft, which can teach players everything from architecture and physics to electronics and geology. A company named TeacherGaming has developed a special version named MinecraftEdu for use in the classroom, allowing teachers to set up and guide projects. Titles like Civilization and Sim City teach strategic thinking as well as providing information on history, geography and urban planning. There are also excellent space sims like Kerbal Space Program and Orbiter that teach children

about the basics of aeronautics. What about video game violence? It is very important to realise that not all games are suitable for children. Indeed, many video games are designed for adult players only. Every game sold in stores is required by law to display an age rating on the box. As well as an age rating, game boxes must also show a series of icons informing customers about the sorts of content a game will contain – including violence, sex and drug use. Dozens of studies have been carried out into the effects of game violence on teenagers, and many show a short-term spike in aggressive behaviour. However, the methodology is often questioned and there is very little research into the long term influence of violent games on behaviour. Whatever the case, if a game is rated 18 or over, it should be treated like an 18 certificate movie – it is unsuitable for younger children. Do games make children antisocial? Again, there has been plenty of research into this question. In , researchers at Brigham Young University, Utah, questioned college students and found a link between video game play and poor relationships with family and friends. However, it may well have been that antisocial people were drawn to video games, rather than video games making them antisocial. In , researchers at Iowa State University found that "prosocial games" – titles that encouraged players to co-operate and help each other – increased helpful behaviour. There are lots of games that people can play together in a co-operative rather than competitive way. Minecraft is a great example and many of its fans also love the similar Terraria , as are the Lego titles. Setting limits on play The authors of the Iowa report had two key pieces of advice for parents worried about games. The first was to keep games machines such as computers and consoles in a communal area of the house so that play could easily be monitored. The second was to set time limits on the amount of time children could play. What are the most popular types of games? However, sports games such as Fifa are also very popular, as are fitness and dancing games like Wii Fit and Just Dance. On the PC, massively multiplayer games like World of Warcraft continue to be popular, as do strategy simulation games like Starcraft. One of the biggest genres in PC gaming right now is the Moba, or multiplayer battle arena. Titles like League of Legends and Dota 2 have vast fanbases. The website Statista provides a handy chart of of popular genres , based on data from US gamers. What are the big games right now? For the last five years, the biggest brand in the gaming world has been Call of Duty, a range of first-person shooters from Activision; see our guide on that series. Outside of mainstream gaming, the cult hit Minecraft now has m registered users and is available on almost every games-capable machine. There are also many globally successful online multiplayer games like World of Warcraft, and the free-to-play giants, Rift, Neverwinter and Tera Online. This year, the top releases have been the Wii U racer Mario Kart 8, the dark fantasy adventure Dark Souls 2, the online shooter Titanfall and the smartphone games Hearthstone, Threes and Monument Valley. There have also been excellent "indie" games, designed by smaller studios: Ascension have all been crossover hits. What are some of the big discussion points in gaming? The battle between the two new games consoles – the Sony PlayStation 4 and Microsoft Xbox One – is getting a lot of coverage. Both machines have fast, powerful multi-core processors and advanced online features, but so far Sony has won the hype war and its PS4 machine is selling better, shifting seven million units since the launch last November. The rise of free-to-play games on smartphones has been controversial with many parents caught out by huge gaming bills as children download extra content, unaware that in-game micro-transactions are usually billed later. In terms of technology, virtual reality is once again picking up interest. Players view the world via screens placed close to their eyes, while their movements are transferred into the game by tracking sensors. We could start seeing these devices hit the shelves by Christmas Dark Souls, Watch Dogs and the forthcoming space epic Destiny all support this feature. The phenomenon of professional gaming – or "esports" is also gaining a lot of interest. Over 70m people worldwide regularly watched coverage of professional gaming tournaments last year. Coverage is shown mostly online via live-streaming channels like Twitch. How do my kids find out about games? For the last five years, major video game sites like GameSpot, IGN and Eurogamer have provided video game news, previews and reviews to many millions of gamers around the world. These are still the industry leaders in many respects. However, more and more young gamers are turning to YouTube presenters like Syndicate and PewDiePie for their games coverage. Could my child get a job in games? The government has just granted UK developers tax breaks in order to increase their attractiveness to foreign investors and publishers, and to support innovative development – this should

provide a boost to development in the future. The games industry needs maths, physics and computer science graduates as well as skilled animators and artists. The organisation Creative Skillset has advice and details on video games courses in higher education that are approved as fit for purpose. However, hours tend to be long and pay is often lower than in other technical industries requiring the same skills. Computing graduates will earn more developing software in finance or for the military than they will making games. However, the games industry is a creative industry, like film and TV, and carries a similar allure. Games are now recognised by Bafta which holds a video game awards ceremony every year. There is a skillset crossover between games and movies, with animators and artists usually able to move from one discipline to the other, though competition is fierce. Should I play games with my kids? Co-operative titles like The Lego action games also allow players to solve puzzles together.

3: Virtual Families 2: Our Dream House Walkthrough | www.enganchecubano.com

The first of two how-to videos on the then-current breed of PC's and software. Starring the terminally annoying "Jamison Family"! NOTE: The other volume of this series (namely, on Internet use) is.

General Info and Tips Author: Use our collection of helpful hints, custom screenshots, and step-by-step instructions to help you raise a happy, healthy, and successful family. If it were only this easy to do with your own family! You can either adopt the first person you see or hit "Try Again" to see another option. Just click "Adopt" when you are happy with your choice. **Moving Around, Picking People Up, and Interacting with Items** To move around the area, just tap your finger and drag where you want to explore. To pick someone up, just tap them to select them and then drag your finger where you want to put the person. Release your finger to let them go. To interact with an item in your home, simply drag a person to that item, and drop them on the spot. **Feeding Your People** Anytime you purchase food for your family, it will appear in your inventory on the left. You simply need to drop it on the table in the kitchen, and they will put the groceries away on their own! The green is for praising and the red is for scolding. Tap the glove you want to use and then tap on the person you would like to use it on. Use the scolding glove sparingly as it can lead to depression. **Character Detail Screen** To access the character detail screen, simply tap on the character, and then tap on their name in the bottom left corner of the screen. This will show you everything you need to know about your little person. **Work Areas** There are certain parts of the house that are work areas for your little people - the kitchen, the workroom, and the office. The career choice will decide what area the person works in. Office related jobs will work on the computers. Anything cooking related will work in the kitchen, and anything needing tools will work in the work room. Simply drop your character in one of these areas to send them to work. The store can be accessed through the store button at the bottom of the screen. Simply tap to enter and then tap a category to browse the items for sale. Tap again to bring up the option to buy. Click "Buy" to purchase. Your items will show up in the inventory on the left of your screen under the scolding and praising gloves. **Email** When you see a yellow mail icon over the computers, this means you have an email. Drop your person on the computer so they will read it. Proposals and general spam mail will come in through email. Marriage proposals will come in through email. You will have the option to marry or reject the person. Once you accept someone, they will arrive at the home and join your family. **Making Babies** Once your little person has been married, you can start on a family at any time. You will need furniture such as a couch or bed to set the mood **Decorating** When you purchase items in the store for the home they will show up in your decorating inventory. Just tap the "Decorate" button at the top of your screen to open it. Then simply tap the item and drag it to wherever you want to place it in the home. Click the arrows on it to rotate the item. **House Upgrades** Each generation has certain areas of the house that are open for upgrades. Simply go to the store, tap "Home Renovation" and pick the upgrade you would like to make. The workers will show up at the home and get to work right away fixing up your new upgrade. There are three sets of collections you can gather during the game. There are 12 bugs, 12 leaves and nuts, and 12 bones. Keep your eyes open in the yard for these items to appear. To collect them, simply drag and drop a person on the object. This is a good task for children. **Walkthrough Table of Contents.**

4: Families - Apple

Note: Citations are based on reference standards. However, formatting rules can vary widely between applications and fields of interest or study. The specific requirements or preferences of your reviewing publisher, classroom teacher, institution or organization should be applied.

Well, not dead dead, anyway. Sure, these days phones and tablets have replaced PCs for a lot of us when it comes to getting day-to-day stuff done. Then, when more power or a bigger screen is needed, you probably turn to a laptop, which can even pull double duty as a desktop, hooking up to a monitor, mouse and keyboard when needed. Nevertheless, there are still good reasons to go with an actual desktop over a laptop. There are still towers -- big and small -- but the term also includes unique gaming systems, all-in-ones, mini PCs and stick computers. Note that, although the PC makers may no longer sell the exact configurations we reviewed, comparable configurations are available. Falcon Northwest Tiki is powerful enough to support VR gaming. Need a machine capable of supporting VR? Dell makes less expensive towers, but this starts out powerful enough for VR games, but has room inside and out to beef up on components. HP made a beautiful PC to cover all aspects of your computing life. Why would I want a desktop? Again, while most of the market has flipped to laptops, there are a few very good reasons to consider a desktop instead. Also, connected to a large monitor or TV, a desktop can double as a media center for storage and playback of your favorite movies, music and pictures. And while laptops have certainly gotten powerful enough to play even the most demanding games, a desktop lets you swap out components and upgrade as new games inevitably require new hardware. What kind of desktop should I buy? Since each desktop style has its own set of pros and cons, start by considering what you want to do, where you plan to do it and how much you want to spend. Buy the most desktop you can afford, but one that has all the features you need. Whenever you miniaturize tech, costs go up, so getting top performance in a small PC -- laptop or desktop -- increases the price. With a tower, you can get a lot more computer for your money with fewer performance bottlenecks. On top of that, towers can have ample room for expansion both inside and out. And because you can typically open them up easily, you can do upgrades and simple repairs yourself. Interested in VR gaming? Next-gen gaming PCs put to the test A tower does take up more space than other desktop options though, and that potentially limits where you can use it in your home or office. All-in-one An all-in-one is basically a large monitor with the actual computer built into the back or base. The minimal setup keeps your desk clutter-free and makes them much easier to move from room to room compared to a tower. However, should something go wrong with the display, you lose your entire computer. So small actually that you can hide one behind a monitor or tuck one into an entertainment center to use as a media server connected to a TV. While you can find some small powerful desktops, mini PCs are typically mainstream systems made for day-to-day tasks, web surfing and media consumption. Stick PCs are even less powerful, but still fine for email, social media and movies. One advantage they both share is portability. You could, for example, pack a stick PC to take with you on vacation without a second thought. Or you could have an office setup built around a mini PC that you could simply disconnect and move to your living room for a home theater experience. For the most part this is a matter of preference, but there are definitely things to consider before you decide which way to go. Because Apple controls both the hardware and software for its desktops, you get a much more stable overall experience and many prefer the user-friendly MacOS layout and controls. Windows also has a large available software library, especially when it comes to free software and games. If you just need an inexpensive desktop for using web-based tools, a Chrome system is worth investigating we call those Chromeboxes and Chromebits, while Chrome OS laptops are called Chromebooks. Those who need to install software like Microsoft Office or Apple iTunes will want to steer clear, though. Where can I find the latest desktop reviews? You can find all the newest desktop news and reviews right here on CNET. You can also jump right to our latest top desktop reviews for How and why to buy a desktop in 3:

5: Virtual Families Walkthrough and Cheats | www.enganchecubano.com

Winston Steward is the author of Every Family's Guide to Computers (avg rating, 1 rating, 0 reviews, published), Scanner Solutions (avg ra.

You know your kids better than anyone. Screen Time gives you a better understanding of the time you and your kids spend using apps, visiting websites, and on your devices overall. You can get weekly reports or see specific app usage, notifications, and device pickups. Set limits and exceptions. Screen Time also lets you set the amount of time you and your kids can spend each day on specific apps and websites. You can create exceptions for specific apps, like Messages or education apps, and kids can always request more time for you to approve. With Downtime, you can set a specific time, like bedtime, when apps and notifications are blocked. You can choose which apps are on and off limits. A safe place for kids. The Kids section is carefully curated to be a great space for children. And we review every app to make sure it does what it says it does. In Restrictions, you can also tap an age range and, just like that, your kids can buy or download only apps appropriate for them – including curated recommendations. If you want to, you can prevent kids from installing new apps, like social media or photo sharing – or even turn off the Safari web browser. Enable Ask to Buy, and you can approve or decline their app purchases and downloads right from your device. You can also install special web browsers that are designed to display kid-friendly content and nothing else. Many apps, even free apps, allow or encourage purchases within the app itself. Find that lost device. If your iPhone or iPad has been stolen, you can erase all its data remotely. Keep the conversation going. In Messages you can set up a group chat with everyone in the family. With Family Sharing, each family member can enjoy the same movies, TV shows, music, books, and apps. Share photos, calendars, and storage. Create a family photo album that everyone can view and add to. Stay on schedule with a family calendar. The first step to sharing is making sure each family member has an Apple ID. No one should be distracted by the phone while driving. In an emergency, callers can override it and get through. Apple Watch offers a fun way for everyone to get fit and stay fit: And the winner is – your whole family. Research has shown that exposure to blue light before bedtime can make it harder to fall asleep. Night Shift automatically changes the display to a warmer hue when the sun goes down. And you can all track your sleep over time with daily, weekly, and monthly summaries. Do Not Disturb eliminates distractions from calls and notifications for a specified period of time. If you need to get through in an emergency, you can. On iPhone and Apple Watch, emergency personnel can quickly access a Medical ID with important information like allergies, blood type, emergency contacts, and more. If you need help, ask Siri to call or your emergency contact. We design products for everybody, including people with disabilities. In fact, every device we make offers a wide range of innovative tools that help people of all abilities create, explore, stay in shape, and communicate. Get help when you need it most. When you call with your iPhone, you can automatically and securely share your location with first responders. Educators have access to many of the same controls you do.

6: What every parent needs to know about video games: a crash course | Games | The Guardian

"The entire family can join the fun of using computers and surfing the Internet. Involve the whole family playing games, planning family vacations, planning your child's college education and.

Not Really No way Each candidate may also have some likes and dislikes. Such as your adoptee or candidate dislikes computers but has a job that requires using the computer. You can purchase a desensitization kit from the store when available to cure a random dislike when used on an adoptee. Should you want your adoptee to have a like or dislike, you can purchase the encyclopedias at the store and a random like or dislike will appear. Have your adoptee pick up all the wrappers as the cleanliness of the house greatly impacts their happiness. A pop-up window will appear after a while stating the house is free of debris and dirt when all wrappers and the TV remote is picked up Have your adoptee pick all the weeds in the yard as this also greatly impacts their happiness. Some weeds may be difficult to see Have your adoptee pick up the TV remote that is placed randomly in the house. The adoptee will return the TV remote to the living room coffee table. Pick up any random collectables in the yard. The adoptee will place them in the Collections Chest. It is important to keep the house picked up to keep your families happiness up. You will also avoid paying fines for having weeds in your yard. Place your adoptee in the shower when they start to "not feel so fresh". Washing their hair, brushing their teeth, flossing, applying deodorant or washing their hands will also have a slight impact on their personal hygiene If you praise your new friend while taking a shower they might take the initiative and take a shower on there own when they start to get "stinky" again. Your adoptee will have an unorthodox marriage email proposal without any romance. The adoptee may choose to get married or wait for another proposal later. Getting married has a HUGE positive impact on their happiness. Marriage proposals will become more infrequent as time passes Select one of your people and transfer them to the top right of the sandbox to pick up the shed doorknob. The sandbox is outside the house and to the right of the office at the front of the house. After the doorknob is on the shed, transfer one of your friends to the welcome doormat outside the front door where they will pick up a key and open the shed door. The shed contains fire extinguishers and watering cans. The fire extinguishers are used to put out oven and clothes dryer fires. The watering cans are used to water the flower boxes after the leaking hose has been repaired. Repairing the Cracks in the Floors: Purchase a floor repair kit from the store. Place a floor repair kit over one of the cracks in the floor; the repair kit will remain on the floor next to the crack until the crack is repaired. Place one of your adult friends on the crack where you placed the floor repair kit. Continue to place your friend over the crack until the repair is completed; the crack will be gone and the floor repair kit will disappear when crack is repaired. One for each crack. Repeat the steps above for each floor crack. Additional floor repairs may need to be purchased to repair the floors again if your friends suffer an earthquake. Fixing the Leaky Hose: Purchase the all-American repair product Place duct tape near the leaky hose at the back of the house. Have one of your friends lower the water pressure in the house by washing hands, getting a drink, using the toilet or taking shower. Take an adult friend and place them on top of the hose at the back of the house. Your little friend will repair the leaky hose while the water pressure is lowered. Watering the Flowers The leaky hose must be fixed first and the shed must be opened: Place an adult friend above the flower box closest to the top of the scene outside the living room window. You should receive an action message of "Watering the flowers". This may take several attempts before receiving the message. Your friend will fill a watering can full of water and water the window-box flowers. Purchase the Wall Compound from the store. Place the Wall Compound on top of the bucket near the hose at the right side of the house. Place an adult friend on top of the Wall Compound may need to attempt this several times to mix the compound. Your friend will walk to the Workshop and start to repair the walls Repeatedly place your adult friend on top of the bucket until the walls are repaired. You can place more than one adult on compound to expedite the repair process. A pop-up window will appear when walls are repaired and the compound will disappear. Purchase the bird bath pump from the store. Place the bird bath pump on top of the bird bath. Place 2 adults on top of bird bath. Place 1 adult on top of bird bath Place an adult or a child 14 or older in front of the burning oven there will be smoke emitting from the stove so they take notice of the fire. The action bar

will indicate your friend is aware of the fire. Transfer the adult who viewed the fire to the shed to pick up a fire extinguisher Clothes Dryer Fires shed must be opened first: Place an adult in front of the clothes dryer there will be smoke emitting from the dryer so they take notice of the fire. Leaky Kitchen or Bathroom Sink shed must be opened first: Place an adult in front of the leaking sink so they take note of the problem. Transfer the adult to the back of the workshop and place in front of the red toolbox so they may pick up a wrench. Your little friend will now repair the leaking sink. Clogged Shower or Toilet: Place an adult in front of the clog to take note of the problem. Transfer the adult to the plungers in the laundry room between the closet and the table. Your little friend will now repair the offending clog. Place a family member on the right side corner of the right sink to remove the cobwebs. These chores can be done by adults and children and will appear randomly multiple times throughout the game. You may also avoid fines and may even win a monetary award for landscaping. You have to instruct your little friends to pull the weeds they will not pull the weeds on their own. Taking out the garbage-flies will appear around trash can in the Kitchen. You can also select the trash can and the amount of garbage that is in the trash can will appear above the action task bar. Picking up socks keeps your families happiness levels up. You have to instruct your little friends to pick up the socks; they will not pick up socks on their own. Picking up wrappers keeps your families happiness levels up. Putting the remote back on the living room coffee table so your friends can watch their favorite TV shows when they desire. Select your friends to pick up the remote as they will not do this on their own. Washing the dishes aids in keeping your families happiness levels up. Cleaning dirt smudges they look like ink spots on the floors aids in keeping your families happiness levels up. Instruct your little people to clean the dirt smudges as they will not do this on their own. Purchase groceries from the store and place them on the Kitchen table Top row of groceries in store are regular foods and equal units in each category. There is a special every day on one of the food categories. When you can afford it and there is space in the inventory stock up on the specials. Keeping 1, units of groceries in the house helps keep your families happiness level up. Select the refrigerator, the door will open and the "food available" will show above the action task bar. Allow units of food for each family member per day Your family will eat on their own throughout the day as long as there are groceries in the house. For optimal "Fed" sustenance: Have an adult prepare a meal by placing them on top of the kitchen table. The action bar should read "preparing a meal". After the meal has been prepared, place each family member on top of the table and they will "sit down to a meal". The children seem to be the most sustained when sitting down to a meal. All family members are more sustained when they sit down to a meal than when they eat on their own. The men tend to need to eat more than the rest of the family

7: List of All in the Family episodes - Wikipedia

Dan Spencer's new book, "Every Parents Battle: A Family Guide to Resisting Pornography" is a practical and important resource for parent's seeking to protect both themselves and their children from a society saturated with distorted and harmful messages about human sexuality.

Computer Network consists of group or number of individual computers of computer devices which are connected with each other. It allows the computers to communicate each other and share resources which include information, software and peripheral devices such as printers, scanners. A computer network is shown in below figure. All the organizations are using multiple computers within their departments to perform their day to day work. It is necessary to connect them which form a network. The networks are classified into different types according to the network size. When computers communicate with each other, they follow certain specific formats and rules. The OSI model is conceptual and has seven layers and each layer is having its own functions. A network selection criterion forms the networking basics, since it helps to select a secure and efficient network. The criterion explains network performance improvement techniques and necessity of reliable network. Various standards organizations are used for network communication to maintain consistency. Need for Computer Networks: Computer Network consists of group or number of individual computer of computers and devices which are connected with each other. Thus, when these computers are in the network it helps users to share the resources and communicate with each other. Computer Networks can be used for many purposes: Sharing hardware resources such as a network printer. Computer network allows the user to share data with other users in a network, for example, a company having a number of computers which are connected in a network. Computer network will enable the users to share files and folders and get synchronized other users. Computer Network also allow the user to share resources as printers and faxes. Printers can be installed on one computer and can be accessed by other user in a network. By this, the need of installing printers on individuals computers is avoided and it results in cost-effectiveness. Computer network also allows the user to communicate with each other using instant messaging tools to share ideas, files or solve queries. The user can also set up a central system wherein common files and folders which are frequently used by the users can be stored. All the users within the network can easily access those files. Instead of taking backups from individuals computer, the user data backup can be scheduled and stored on a central system. This helps in reducing the time of taking backup. If an Organization you have several computers but just one dial up connection, a network makes it easier to use the Internet. Several computers can share one modem to use the same Internet connection. Otherwise, you can even install a dedicated high-speed Internet connection such as a cable modem for your network security. It is possible to add new systems or servers to an existing network easily. Thus the computer hardware network provides scalability. It is also reliable to use a network as it uses redundancy. There are two types of network configuration: The clients manages the local resources that are used by the user such as monitor, keyboard, CPU and Peripherals. The server is a more powerful system which manages shared resources such as database, printers, communication Links or high powered-processors and handles all the incoming requests for all its shared resources. Server is a centralized and dedicated entity which manages data, printers or network traffic depending upon the type of the server. The server must run a server program to share its resources. In a network, one server can be used for multiple purposes or you can have multiple servers for a specific application. Many programs are built into the operating system which can be used for the sharing of resources and for other purposes. Client is a computer on which user runs application. Clients can also be called as workstations. The network resources are stored on the server and are accessed by the clients. Clients-Server architecture is also known as two-tier architecture. Peer-to-Peer is a communication model in which each party has the same capabilities and either party can initiate a communication session. Peer-to-Peer communications is Implemented by giving each communication node both server and clients capabilities. In recent usage, Peer-to-peer has come to describe applications in which users can use the Internet to exchange files with each other directly.

8: How to buy a desktop computer - CNET

Here are the best all-in-one PCs, including picks for: designers, video editors, music lovers, gamers, families and value shoppers. Tom's Guide / Tom's Hardware.

9: Best Mac the top Macs for every kind of fan | TechRadar

From A Family's Guide to the Military For Dummies. By Sheryl Garrett, Sue Hoppin. If your family is embarking on a military career, your life could be unpredictable, stressful, and ever-changing.

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